

*HAMLIN'S
FORMULÆ*

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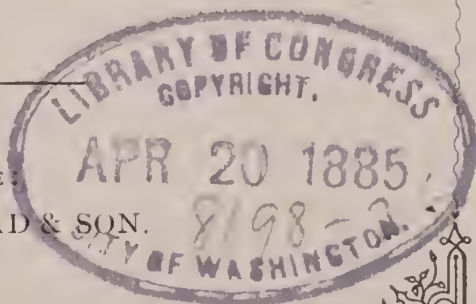
UNITED STATES OF AMERICA.

→ HAMLIN'S ←
FORMULÆ,
—OR—
→ EVERY DRUGGIST ←
HIS OWN PERFUMER.

Comprising a collection of valuable formulas for the manufacture of
Perfumery, Flavoring Extracts, Essences, Lily Whites,
Face Washes, Hair Tonics, Tonic Elixirs, Toilet
Waters, Colognes, and many other
valuable recipes.

15.
5412
BY
✓
CHAS. E. HAMLIN,
—AND—
CHAS. WARREN.

BALTIMORE:
EDWARD B. READ & SON.
1885.



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SPIRITS.

Extracts or Spirits used in making Triple Extracts and Bouquets.
In order not to confound the manufacture I shall term them Spirits.

SPIRIT OF NEROLI.

Otto of Neroli Petale, two drachms.
Alcohol, one pint.

SPIRIT OF PATCHOULY.

Otto of Patchouly, one and one-half drachms.
Alcohol, two pints.

SPIRIT OF ROSE GERANIUM.

Otto of Rose Geranium, three drachms.
Alcohol, one pint.

SPIRIT OF ROSE.

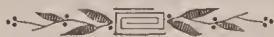
Otto of Rose Kezanlic, one and one-half drachms.
Alcohol, one pint.

SPIRIT OF SANDAL.

Otto of Yellow Sandal, one and one half drachms.
Alcohol, one pint.

SPIRIT OF VERTIVERT.

Otto of Vertivert, one drachm.
Alcohol, one pint.





PREFACE.



In placing this work before the Druggist, it is the aim of the authors to give those recipes which are of value to the Pharmacist, as well as practical. We do not claim this book to be as large as many others on the market, but we do claim to give more and better formulas than any work on perfumery ever published. This book does not contain a formula which is not practical, or can not be made by any druggist. Our long experience in the manufacture of perfumery enables us to give that practical knowledge which experience and deepest study alone can give.

Respectfully,

CHAS. E. HAMLIN,
CHAS. WARREN.





INTRODUCTION AND HISTORY.



From the most ancient times, perfumes of various sorts have been held in high estimation. It is affirmed that after the destruction of the Clove trees, by the Dutch, in the Island of Ternate, the colony suffered from epidemics, unknown before ; and in times when cholera has prevailed in London and Paris, those employed in the Perfumery factories have escaped its ravages. The art of perfumery was practiced to an extraordinary extent by the ancient Egyptians, Greeks, and Romans. The odor of Perfumes was an offering to the Gods, and the apparition of these was always represented as accompanied by an ambrosial fragrance. Oils, Pomatums and other perfumes were used most lavishly ; their baths and their wines were also perfumed. Pliney has given a very full account of the extraordinary varieties of perfumes in use by the Romans under the Emperors. The perfumers were mostly Greeks, and occupied a special quarter of Rome. Their shops were favorite resorts for fashionable loungers. In the middle ages France and Italy were most conspicuous

for the manufacture and use of perfumes. Incense and fragrant tapers were consumed in the Catholic churches, as early as the baptism of Clovis, in 496. Alcoholic perfumes are supposed to have been first made in the fourteenth century, and the first of these of which we have an account is Hungary Water, distilled from Rosemary in thirteen hundred and seventy, by Elizabeth, Queen of Hungary, who obtained the recipe from a hermit, and by its use is said to have preserved her beauty to old age.

In England, a taste for perfumes appears to have been prevalent in the time of Shakespeare, and in that of Dean Swift. The shops of the perfumers were the resorts of loungers, as they were in ancient Rome.

The taste for perfumes and cosmetics is at the present day carried to a very high pitch. Immense factories have been established and storehouses built, and some of the finest and most fragrant perfumes are made by our own American manufactures, and many of the formulas which I shall give in this work are in use by some of our leading perfumers.





PERFUMES.



The perfumes for the handkerchief, as found in the perfumery stores, are either simple or compound. The former are called Extracts; the latter Bouquets, which are mixtures of the extracts so compounded in quantity that no one flower or odor can be discovered as predominating over another, and when made of the delicate scented flowers carefully blended they produce an exquisite sensation on the olfactory nerve, and are therefore much prized by all who can afford to purchase them.



ESSENTIAL OILS.

It is necessary to use the purest and best Essential Oils. Some works on perfumery devote several pages to Oils; I prefer to give my attention to the formulas, and leave this part to the U. S. Dispensatory. I shall term all oils as Ottos.



ALCOHOL.

Only the purest Alcohol should be used, and it should be ninety-five per cent. Atwood's Alcohol is much the best and I would especially recommend it. No one can make good Extracts or Colognes, unless they use pure Alcohol—what some writers term Cologne Spirits.

TINCTURES.

Tinctures are used in Perfumery as a basis, and to give permanence to odors.

TINCTURE OF AMBERGRIS.

Ambergris, one drachm.
Powdered Orris Root, two drachms.
Alcohol, one pint.

Rub the Ambergris and Orris together in a mortar, then add the Alcohol, and macerate for four weeks, shaking every day.

TINCTURE OF BENZOIN.

Gum Benzoin, one ounce.
Alcohol, one pint.

Mix and macerate for two weeks.

TINCTURE OF CIVIT.

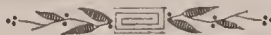
Civit, one drachm.
Powdered Orris Root, four drachms.
Alcohol, one pint.

Rub the Civit with the Orris in a mortar, then add the Alcohol, and macerate for one month.

TINCTURE OF MUSK.

Finest Tonquin Musk, one drachm.
Powdered Pumice Stone, one drachm.
Hot Water, two ounces.
Alcohol, fourteen ounces.
Aromatic Spirits of Ammonia, half drachm.

Rub the Musk with the Pumice Stone, then add the Hot Water, and let stand twelve hours, then add the Alcohol and Ammonia, and macerate for four weeks.



TINCTURE OF ORRIS.

Powdered Orris Root, three and one-half pounds.
Alcohol, half-gallon.

Make by Percolation, or Maceration.

TINCTURE OF TONQUIN.

Angostura Tonquin Beans, two ounces.
Alcohol, one pint.

Macerate for two weeks.

TINCTURE OF STYRAX.

Styrax, one ounce.
Alcohol, one pint.

Macerate for two weeks.

TINCTURE OF TRICHINE, for coloring.

Trichine Crystals, one drachm.
Alcohol, one pint.

Mix.

TINCTURE OF TOLU.

Balsam of Tolu, one ounce.
Alcohol, one pint.

Macerate for two weeks.

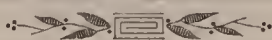
TINCTURE OF VANILLA.

Best Mexican Vanilla Beans, one ounce.
Alcohol, one pint.

Cut the Bean up fine and Macerate with the Alcohol for two weeks.

TINCTURE OF HELIOTROPIN.

Heliotropin Crystals, one ounce.
Alcohol, two pints.



TINCTURE OF VANILLIN.

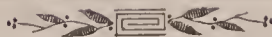
Vanillin, one ounce.

Alcohol, five pints.

TINCTURE OF CUMARIN.

Cumarin, one ounce.

Alcohol, eight pints.



EXTRACTS FROM POMADES.

EXTRACT OF CASSIE, from Pomade.

Cassie Pomade, No. 30, five pounds.
Alcohol, five pints.

Put the Pomade into a wide mouth bottle, add the Alcohol, and shake thoroughly several times every day for ten days, when decant off the Extract, and again subject the Pomade to another five pints Alcohol, and proceed as before. When done, the two Extracts should be mixed. It is necessary to chill the Extract so as to separate all the Pomade from the Alcohol, then filter quickly.

The best way to wash Pomades is to have a churn made out of copper and lined with block tin, similar to an ice cream freezer. If the churn is used and constantly worked it is only necessary to wash the Pomades from three to six days, for each wash.

It is necessary with all the Extracts to make two washes, and mix them, this makes the Extract the strength of one-half pound Pomade to the pint of Alcohol.

In the different formulas I shall term these Extracts or Washes as Extracts from Pomade.

EXTRACT OF JASMIN, from Pomade.

Jasmin, Pomade, No. 30, five pounds.
Alcohol, five pints.

Proceed as with Cassie.

EXTRACT OF ORANGE FLOWER, from Pomade.

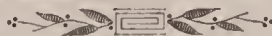
Orange Flower Pomade, No. 30, five pounds.
Alcohol, five pints.

Proceed as with Cassie.

EXTRACT OF ROSE, from Pomade.

Rose Pomade, No. 30, five pounds.
Alcohol, five pints.

Proceed as with Cassie.



EXTRACT OF TUBE ROSE, from Pomade.

Tube Rose Pomade, No. 30, five pounds.

Alcohol, five pints.

Proceed as with Cassie.

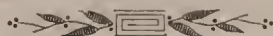
EXTRACT OF VIOLET, from Pomade.

Violet Pomade, No. 30, five pounds.

Alcohol, five pints.

Proceed as with Cassie.

NOTE.—I have had many inquiries from customers of my first and second editions, where they could obtain the purest and best of Essential Oils, Musk, Ambergris, Civit, etc., and for the benefit of such, I would here state that Messrs. Fritzsche Bros., 51 and 53 Barclay street, New York, always keep in stock every article used by the perfumer. I have dealt with them for several years and I have found them at all times reliable. I consider their Flower Pomades and Essential Oils the finest I have ever used, and I can conscientiously recommend them.



TRIPLE EXTRACTS AND BOUQUETS.

WARREN'S BLUSHING ROSE.

Extract Rose from Pomade, four pints.

French Otto of Rose, half ounce.

Tincture of Musk, one ounce.

“ “ Vanilla, two ounces.

Alcohol, four pints.

An exquisite odor, altogether unlike any other Extract of Rose, owing its fragrance to the French Otto, which is superior and more expensive than the Kezanlic.

ESSENCE BOUQUET.

Extract of Rose, from Pomade, one pint.

Spirit “ one pint.

Tincture of Ambergris, two ounces.

“ Orris, eight ounces.

Otto of Lemon, two drachms.

“ Bergamot, one ounce.

EXTRACT OF CLOVE PINK.

Extract of Rose, from Pomade, one pint.

“ Orange Flower, from Pomade, half pint

“ Cassie, from Pomade, half pint.

“ Jasmin, “ “ four ounces.

Tincture of Vanilla, four ounces.

“ Orris Root, two ounces.

Otto of Cloves, twenty-five drops.

EXTRACT OF CLEMATIS.

Extract Rose, from Pomade, one pint.

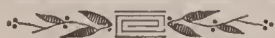
“ Cassie, “ “ “ “

“ Tube Rose, from Pomade, half pint.

“ Violet, “ “ one “

Spirit Neroli, four ounces.

“ Sandal, “ “



BOUQUET DE CAROLINE.

Extract Rose, from Pomade, one pint.
 " Violet, " " "
 " Tube Rose, from Pomade, half pint.
 Tincture Orris, half pint.
 " Ambergris, two ounces.
 Otto Bergamot, two drachms.
 " Cedrat, " "

CAPRICE BOUQUET.

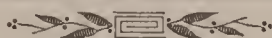
Extract of Jasmin, from Pomade, one pint.
 " Tube Rose, " " "
 " Cassie, " " "
 " Orange Flower, " " "
 Tincture of Civit, two ounces.
 Otto of Bitter Almonds, ten drops.
 " Nutmeg, one drachm.

EXTRACT OF FRANGIPANNI.

Extract Orange Flower, from Pomade, two pints.
 " Rose, from Pomade, one pint.
 Tincture Musk, half pint.
 " Orris, "
 Spirit Vertivert, four ounces.
 Otto Yellow Sandal, one drachm.
 " Neroli Petale, "
 " Rose, one drachm.

EXTRACT OF HONEY SUCKLE.

Extract of Rose, from Pomade, one pint.
 " Orange Flower, from Pomade, one pint
 " Tube Rose, " " half "
 Tincture of Tolu, half pint.
 " Vanilla, four ounces.
 " Musk, " "
 Otto of Neroli Petale, one drachm.
 " Bitter Almonds, quarter drachm.



In the formula for Warren's Extract of Heliotrôpe, Tincture of Heliotrope should be Tincture of Heliotropin.

EXTRACT OF HELIOTROPE.

Tincture of Vanilla, one pint.
Extract of Rose, from Pomade, one pint.
" Orange Flowers, from Pomade, half pint
Spirit of Rose, one pint.
Tincture of Musk, two ounces.
" Ambergris, two ounces.
Otto of Bitter Almonds, twenty drops.

WARREN'S EXTRACT OF HELIOTROPE.

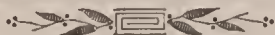
Tincture of Vanilla, one pint.
" Musk, two ounces.
" Ambergris, two ounces.
" Heliotrope, one pint.
Extract of Rose, from Pomade, one pint.
" Orange Flower, from Pomade, half pint.
Spirit of Rose, one pint.
Alcohol, one pint.
Otto of Almonds, twenty drops.

HEDYOSMIA.

Extract of Rose, from Pomade, one pint.
" Orange Flower, from Pomade, one pint.
" Cassie, one pint.
Tincture of Musk, four ounces.
Otto of Neroli Petale, one drachm.
" Lavender Flowers, two drachms.
" Cloves, one drachm.
" Angelica, half drachm.

EXTRACT OF HYACINTH.

Extract of Tube Rose, from Pomade, one pint.
Spirit of Rose, half pint.
Tincture of Musk, three ounces.
" Civit, one ounce.
Otto of Ylang Ylang, quarter drachm.



EXTRACT OF JONQUILLE.

Extract of Jasmin, from Pomade, one pint.
 " Tube Rose, from Pomade, one pint.
 " Orange Flowers, four ounces.
 " Cassie, from Pomade, four ounces.
 Tincture of Vanilla, two ounces.
 " Tolu, one ounce.

BOUQUET DE JOCKEY CLUB.

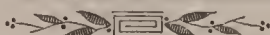
Tincture of Orris, one pint.
 " Musk, four ounces.
 " Civit, two ounces.
 Extract of Rose, from Pomade, one pint.
 " Cassie, " half pint.
 " Tube Rose, from Pomade, twelve ounces
 Spirit of Rose, two pints.
 Tincture of Ambergris, four ounces.
 Otto of Bergamot, half ounce.

EXTRACT OF JASMIN.

Extract of Jasmin, from Pomade, two pints.
 Tincture of Benzoin, one ounce.
 " Ambergris, half ounce.

KISS ME QUICK.

Spirit of Neroli, half pint.
 " Sandal, "
 " Patchouly, two ounces.
 Extract of Tube Rose, from Pomade, one pint.
 " Cassie, " " "
 Spirit of Rose, two pints.
 Otto of Lemon, one drachm.
 " Ylang Ylang, quarter drachm.



LILY OF THE VALLEY.

Extract of Rose, from Pomade, two pints.
 " Jasmine, " " "
 " Cassie, five ounces.
 " Violet, "
 Tincture of Orris, "
 " Vanilla, two ounces.
 " Ambergris, two ounces.
 Otto of Ylang Ylang, half drachm.

EXTRACT OF LOCUST BLOSSOM.

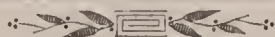
Extract of Jasmin, from Pomade, two pints.
 " Rose, " " "
 Spirit of Neroli, half pint.
 " Patchouly, three ounces.
 Tincture of Vanilla, eight ounces.
 " Civit, two ounces.
 " Benzoin, four ounces.

EXTRACT OF MAGNOLIA.

Extract of Orange Flower, from Pomade, one pint.
 " Rose, " " two "
 " Tube Rose, " " half "
 " Violet, " " " "
 Otto of Lemon, two drachms.
 " Bitter Almonds, ten drops.
 Tincture of Musk, two ounces.

EXTRACT OF MAY FLOWERS.

Extract of Rose, from Pomade, one pint.
 " Jasmin, " " "
 " Orange Flower, " "
 " Cassie, " "
 Tincture of Vanilla, half pint.
 Otto of Rose Geranium, one drachm.
 " Neroli Petale, three quarters of a drachm.
 " Bitter Almonds, twenty drops.
 " Lemon, twenty drops.



MARIE STUART.

Extract of Rose, from Pomade, three pints.

"	Cassie,	"	one	"
"	Tube Rose	"	"	"
"	Orange Flower,	"	"	"
"	Jasmin,	"	two	"

Spirit of Rose, from Pomade, two pints.

Tincture of Benzoin, four ounces.

" Musk, one pint.

" Orris Root, one pint.

" Tonquin, "

Otto of Patchouly, one drachm.

" Cinnamon True, quarter drachm.

" Bergamot, four drachms.

" Rose Geranium, two drachms.

" Ylang Ylang, half drachm.

MILLEFLEURS.

Spirit of Rose, one pint.

Extract of Rose, from Pomade, half pint.

"	Tube Rose,	"	"	"
"	Jasmin,	"	"	"
"	Orange Flower,	"	"	"
"	Cassie,	"	"	"
"	Violet,	"	"	"

Tincture of Vanilla, four ounces.

" Ambergris, two ounces.

" Musk, "

" Styrax, "

" Tolu, one ounce.

Otto of Bitter Almonds, ten drops.

" Neroli Petale, fifteen drops.

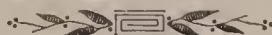
" Cloves, ten drops.

" Bergamot, one ounce.

" Cedrat, half ounce.

" Verbena, ten drops.

" Santal, one drachm.



In the formula for Marie Stuart, the Spirit of Rose, from Pomade,
should simply read Spirit of Rose.

MIGNONETTE or RESEDA.

Extract of Orange Flower, from Pomade, three pints
 " Cassie, from Pomade, three pints.
 " Rose, " " two pints.
 " Jasmin, " " "
 Tincture of Orris Root, one pint.
 " Vanilla, half ounce.
 " Musk, " "
 Otto of Petit Grain, one drachm.

EXTRACT OF MOSS ROSE.

Extract of Rose, from Pomade, two pints.
 " Orange Flower, from Pomade, one pint
 Spirit of Rose, one pint.
 Tincture of Ambergris, four ounces.
 " Musk, " "
 Spirit of Sandal, " "

EXTRACT OF MUSK ROSE.

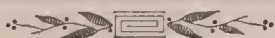
Tincture of Musk, one pint.
 Extract of Rose, from Pomade, two pints.
 " Cassie. " half "
 Spirit of Rose, half pint.
 Tincture of Ambergris, one ounce.

EXTRACT OF MUSK.

Tincture of Musk, two pints.
 " Ambergris, two ounces.
 Extract of Rose, from Pomade, four ounces.
 Alcohol, one pint.

NEW MOWN HAY.

Tincture of Tonquin, one pint.
 Extract of Rose, from Pomade, one pint.
 " Jasmin, " " "
 " Cassie, " " "
 " Orange Flower, " "
 Spirit of Rose, one pint.
 " Geranium, one pint.
 Tincture of Musk, four ounces.



NIGHT BLOOMING CEREUS.

Extract of Tube Rose, from Pomade, one pint.
 " Rose, " " "
 " Violet, " " half pint.
 " Jasmin, " " one "
 Tincture of Vanilla, four ounces.
 " Benzoin, two "
 " Civit, " "
 Otto of Santal, one drachm.
 " Mace, three-quarter drachm.
 " Bitter Almonds, quarter drachm.

OCEAN SPRAY.

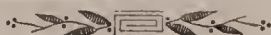
Extract of Violet, from Pomade, one pint.
 " Cassie, " " half "
 " Orange Flower, " one "
 Spirit of Rose, one pint.
 Tincture of Orris Root, half pint.
 " Ambergris, four ounces.
 " Civit, two ounces.
 " Tolu, one ounce.
 Otto of Neroli Petale, one drachm.
 " Cedrat, two drachms.
 " Rose Geranium, one drachm.

EXTRACT OF ORANGE FLOWER.

Extract of Orange Flower, from Pomade, two pints
 Tincture of Tolu, half ounce.
 " Ambergris, one ounce.

OPOPONAX.

Extract of Cassie, from Pomade, one pint.
 " Tube Rose, from Pomade, one pint.
 " Jasmin, " " half "
 " Violet, " " " "
 Tincture of Orris Root, four ounces.
 " Benzoin, " "
 " Styrax, two ounces.
 " Musk, " "
 Otto of Bergamot, one ounce.
 " Rose, one drachm.



EXTRACT OF PATCHOULY.

Otto of Patchouly, half ounce.
 " Rose, one drachm.
 Extract of Rose, from Pomade, two pints.
 " Cassie, " " half "
 Alcohol, three pints.

WARREN'S PASSION FLOWER.

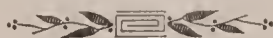
Otto of Rose, two drachms.
 " Santal, " "
 Tincture of Musk, four ounces.
 " Vanilla, " "
 " Ambergris, two ounces.
 Extract of Jasmine, from Pomade, one pint.
 " Rose, " " three pints.
 " Cassie, " " half "
 " Tube Rose, " one "

EXTRACT OF ROSE GERANIUM.

Extract of Rose, from Pomade, one pint.
 " Cassie, " " half "
 Otto of Rose Geranium, one ounce.
 Tincture of Orris Root, eight "
 " Musk, four ounces.
 Alcohol, two pints.

RONDELETIA.

Alcohol, four pints.
 Otto of Lavender Flowers, one ounce.
 " Cloves, half ounce.
 " Bergamot, half ounce.
 " Roses, one and a half drachms.
 Tincture of Musk, two ounces.
 " Vanilla, " "
 " Ambergris, two ounces.



EXTRACT OF ROSE.

Extract of Rose, from Pomade, two pints.
Tincture of Vanilla, two ounces.

SWEET BRIAR or ECLANTINE.

Extract of Rose, from Pomade, one pint.
" Cassie, " " four ounces.
" Orange Flower, " " "
Spirit of Rose, four ounces.
Tincture of Benzoin, one ounce.
Otto of Neroli Petale, half drachm.
" Lemon Grass, quarter drachm.

SWEET CLOVER.

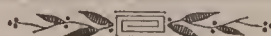
Extract of Rose, from Pomade, one pint.
" Cassie, " " half "
Tincture of Tonquin, four ounces.
" Orris Root, " "
" Musk, two ounces.
Otto of Petit Grain, one drachm.
" Bergamot, two "
" Cedrat, one "

SPRING FLOWERS.

Extract of Rose, from Pomade, one pint.
" Violet, " " "
" Cassie, " " four ounces.
Spirit of Rose, four ounces,
Otto of Bergamot, two drachms.
Tincture of Ambergris, one ounce.

SWEET PEA.

Extract of Tube Rose, from Pomade, one pint.
" Orange Flower, " " "
" Rose, " " "
" Cassie, " " half pint.
Tincture of Vanilla, two ounces.
" Tolu, half ounce.



STEPHANOTIS.

Extract of Rose, from Pomade, one pint.
 " Cassie, " " "
 " Tube Rose, " two pints.
 " Violet, " one pint.
 Tincture of Orris Root, two pints.
 " Vanilla, four ounces.
 " Musk, " "
 " Ambergris, two ounces.
 Otto of Lemon, half ounce.
 " Petit Grain, half drachm.
 " Neroli Petale, one "
 " Linaloe, two drachms.

EXTRACT OF TUBE ROSE.

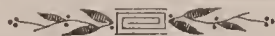
Extract of Tube Rose, from Pomade, two pints.
 Tincture of Orris Root, one ounce.
 " Ambergris, half ounce.

EXTRACT OF TEA ROSE.

Extract of Rose, from Pomade, one pint.
 Spirit of Rose, one pint.
 Tincture of Orris Root, four ounces.
 " Musk, one ounce.
 Spirit of Rose Geranium, one pint.
 " Santal, half pint.
 " Neroli, four ounces.

UPPER TEN.

Alcohol, one pint.
 Otto of Neroli Petale, one drachm.
 " Rose, one drachm.
 " Lavender, one drachm.
 " Bergamot, " "
 Tincture of Orris, one pint.
 " Musk, two ounces.
 " Ambergris, two ounces.
 Extract of Jasmin, from Pomade, half pint.
 " Cassie, " " " "



EXTRACT OF VIOLET.

Extract of Violet, from Pomade, four pints.
 " Cassie, " " twelve ounces.
 " Rose, " " four ounces.
 Tincture of Orris Root, twelve ounces.
 " Musk, one ounce.

EXTRACT OF WOOD VIOLET--WARREN'S.

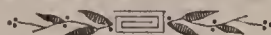
Extract of Violet, from Pomade, four pints.
 " Cassie, " " one pint.
 " Rose, " " " "
 " Jasmin, " " half pint.
 Tincture of Orris Root, half pint.
 " Musk, one ounce.
 Otto of Bitter Almonds, 20 drops.

EXTRACT OF VERBENA.

Alcohol, one pint.
 Otto of Verbena, True, half ounce.
 Extract of Cassie, from Pomade, half pint.
 " Orange Flower, " " "
 Spirit of Rose, four ounce.

EXTRACT OF WHITE LILAC.

Extract of Tube Rose, from Pomade, two pints.
 " Orange Flower, " " half pint.
 " Cassie, from Pomade, half pint.
 " Rose, " " two pints.
 " Jasmin, " " " "
 " Violet, " " half pint.
 Tincture of Orris Root, eight ounces.
 " Musk, four ounces.
 " Ambergris, one ounce.
 Otto of Bitter Almond, twelve drops.
 " Ylang Ylang, three-quarter drachm.
 Benzoic Acid, two drachms.



EXTRACT OF WALL FLOWER.

Extract of Orange Flower, from Pomade, one pint.
 " Cassie, from Pomade, half pint.
 Spirit of Rose, one pint.
 Tincture of Orris, half pint.
 " Vanilla, " "
 Otto of Bitter Almonds, ten drops.

WEST END.

Extract of Rose, from Pomade, two pints.
 " Tuberose, " " "
 " Cassie, " " one pint.
 " Jasmine, " " pint and a half.
 Spirit of Rose, one pint.
 Tincture of Ambergris, two ounces.
 " Musk, two ounces.
 Otto of Bergamot, three drachms.
 " Petit Grain, ten drops.

WHITE ROSE.

Extract of Rose, from Pomade, two pints.
 " Violet, " " " "
 " Jasmin, " " one pint.
 Spirit of Rose, two pints.
 " Patchouly, half pint.
 Tincture of Musk, one ounce.

WHITE ROSE--WARREN'S.

Extract of Rose, from Pomade, two pints.
 " Violet, " " pint and a half.
 " Cassie, " " " " "

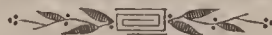
In the formula for Warren's White Rose, Extract of Cassie, from Pomade, should only be one half pint.

WILD OLIVE.

- Tincture of Tonquin, one pint.
 " Orris Root, one pint.
 " Musk, four ounces.
 " Civit, two ounces.
 Extract of Vertivert, two ounces.
 " Tube Rose, from Pomade, two pints.
 " Orange Flower, " " one pint.
 " Cassie, " " " "
 " Jasmin, " " two pints.
 Spirit of Rose, two pints.
 Otto of Limette, one ounce.
 " Neroli Petale, one drachm.
 " Ylang Ylang, " "
 " Nutmegs, half drachm.
 " Cedrat, one ounce.

WILD FLOWERS BOUQUET.--WARREN'S.

- [pints.
 Extract of Rose, from Pomade, three and three quarter
 " Violet, " " two pints and a half.
 " Cassie, " " pint and three quarters.
 " Orange Flower, " " " "
 " Jasmine, " " " "
 " Tube Rose, " " pint and a half.
 Tincture of Vanilla, half pint.
 " Vanilline, two ounces.
 " Musk, six ounces.
 " Heliotropine, two ounces.
 " Ambergris, six ounces.
 " Orris Root, eight ounces.
 " Coumarin, two ounces and a half.
 " Tonquin, eight ounces.
 Otto of Cinnamon, True, eight drops.
 " Limette, one drachm.
 " Cedrat, " "
 " Neroli Petale, half drachm.
 " Cloves, eight drops.
 " Santal, half drachm.
 " Rose, half drachm.
 " Petit Grain, three quarter drachm.



In the formula for Extract of Yellow Pond Lily, Tincture of Heliotropine should be Tincture of Heliotropin.

In the formula for Warren's Wild Flowers Bouquet, Tincture of Vanilline should be Tincture of Vanillin. Tincture of Heliotropine should be Tincture of Heliotropin, and Tincture of Coumarin should be Tincture of Cumarin.

EXTRACT OF YELLOW ROSE.

Spirit of Rose, two pints.

Extract of Tube Rose, from Pomade, two pints.

“ Verbena, four ounces.

Tincture of Tonquin, four ounces.

“ Orris, four ounces.

EXTRACT OF YLANG YLANG--WARREN'S.

Alcohol, one pint.

Otto of Ylang Ylang, half ounce.

Tincture of Orris Root, one pint.

Spirit of Rose, one pint.

Extract of Rose, from Pomade, one pint.

“ Tube Rose, “ “ “ “

“ Cassie, “ “ “ “

“ Jasmine, “ “ “ “

EXTRACT OF YELLOW POND LILY.

Tincture of Heliotropine, twelve ounces.

“ Tonquin, one pint.

“ Vanilla, “ “

“ Musk, four ounces.

“ Ambergris, four ounces.

Extract of Rose, from Pomade, two pints.

“ Jasmin, “ “ “ “

“ Cassie, “ “ “ “

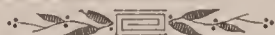
“ Orange Flower, “ “ “

“ Tube Rose, “ one pint.

Spirit of Rose, one pint.

Otto of Linaloe, two drachms.

“ Ylang Ylang, half drachm.



NUMBER TWO EXTRACTS.

—OR—

IMITATION * TRIPLE * EXTRACTS.

These formulas produce very good Triple Extracts, and are better than many of the so-called Triple Extracts.

EXTRACT OF CLOVE PINK, No. 2.

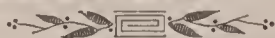
Otto of Rose, two drachms.
“ Cloves, three-fourths of a drachm.
Tincture of Civit, two ounces.
“ Orris, eight ounces.
“ Benzoin, two ounces.
Extract of Cassie, from Pomade, one pint.
Spirit of Neroli, one pint.
Alcohol, half gallon.
Rose Water, half pint.

ESSENCE BOUQUET, No. 2.

Alcohol, four pints.
Tincture of Orris, one pint.
“ Civit, two ounces.
Otto of Rose, one drachm.
“ Lemon, two drachms.
“ Bergamot, four drachms.
Rose Water, half pint.

EXTRACT OF FRANCIPANNI, No. 2.

Tincture of Musk, four ounces.
“ Orris, eight “
“ Vanilla, four “
Spirit of Rose, one pint.
“ Vertivert, one ounce.
“ Neroli, one pint.
“ Sandal, half pint.
Alcohol, four pints.
Water, half pint.



EXTRACT OF HONEY SUCKLE, No. 2.

Otto of Rose, one drachm.
" Neroli Petale, one drachm.
" Bitter Almonds, ten drops.
Tincture of Civit, two ounces.
" Tolu, four ounces.
Extract of Cassie, from Pomade, one pint.
" Tube Rose, from Pomade, one pint.
Alcohol, four pints.
Water, half pint.

EXTRACT OF HELIOTROPE, No. 2.

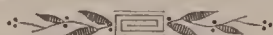
Tincture of Vanilla, three pints.
Otto of Rose, two drachms.
" Neroli Petale, one drachm.
" Bitter Almonds, fifteen drops.
Alcohol, nine pints.
Water, one pint.

JOCKEY CLUB, No. 2.

Tincture of Orris Root, two pints.
" Civit, eight ounces.
Extract of Cassie, from Pomade, one pint.
" Tube Rose, from Pomade, one pint.
" Jasmin, from Pomade, pint and a half.
Otto of Rose, five drachms.
Alcohol, gallon and a half.
Rose Water, one pint.

EXTRACT OF JASMIN, No. 2.

Extract of Jasmin, from Pomade, one pint.
Tincture of Orris Root, four ounces.
" Benzoin, two ounces.
Alcohol, three pints.
Water, six ounces.



EXTRACT OF LILY OF THE VALLEY, No. 2.

Otto of Rose, three drachms.
 " Ylang Ylang, half drachm.
 " Linaloe, three drachms.
 Tincture of Orris Root, ten ounces.
 " Civit, three ounces.
 " Benzoin, two ounces.
 Extract of Cassie, from Pomade, ten ounces.
 " Jasmin, " " two pints.
 Alcohol, six pints.
 Rose Water, half pint.

EXTRACT OF MAGNOLIA, No. 2.

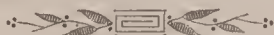
Spirit of Neroli, pint and a half.
 " Rose. " "
 Extract of Tube Rose, from Pomade, one pint.
 Tincture of Orris Root, half pint.
 Otto of Lemon, two drachms.
 " Bitter Almonds, fifteen drops.
 Alcohol, six pints.
 Rose Water, one pint.

EXTRACT OF MIGNONETTE or RESEDA.

Spirit of Neroli, pint and a half.
 Tincture of Orris Root, half pint.
 " Vanilla, one ounce.
 " Civit, four ounces.
 Extract of Cassie, from Pomade, pint and a half.
 " Jasmin, " " one pint.
 Otto of Rose, drachm and a half.
 " Petit Grain, three-fourths of a drachm.
 Alcohol, six pints.
 Rose Water, one pint.

EXTRACT OF MUSK, No. 2.

Tincture of Musk, one pint.
 Spirit of Rose, two ounces.
 Alcohol, two pints.
 Water, " "



EXTRACT OF MILLEFLEURS, No. 2.

Otto of Rose, drachm and a half.
" Neroli Petale, one drachm.
" Cloves, half drachm.
" Bergamot, one ounce.
" Cedrat, one ounce.
Tincture of Vanilla, four ounces.
" Civit, four ounces.
Extract of Tube Rose, from Pomade, one pint.
" Jasmin, " " " "
Alcohol, six pints.
Rose Water, one pint.

EXTRACT OF MOSS ROSE, No. 2.

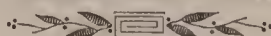
Tincture of Civit, four ounces.
" Vanilla, two "
" Orris Root, four ounces.
Extract of Jasmin, from Pomade, five ounces.
Otto of Rose, two drachms.
" Sandal, two "
Alcohol, one gallon.
Rose Water, one pint.

EXTRACT OF NEW MOWN HAY, No. 2.

Tincture of Tonquin, one pint.
Spirit of Rose Geranium, one pint.
" Neroli, one pint.
" Rose, pint and a half.
Extract of Jasmin, from Pomade, one pint.
Alcohol, eight pints.
Rose Water, one pint.

EXTRACT OF PATCHOULY, No. 2.

Otto of Patchouly, two drachms.
" Rose, half drachm.
Tincture of Civit, four ounces.
" Vanilla, " "
Alcohol, four pints.
Rose Water, half pint.



EXTRACT OF ROSE GERANIUM, No. 2.

Otto of Rose Geranium, one ounce.
Tincture of Orris Root, eight ounces.
" Civit, two ounces.
Alcohol, four pints.
Water, one pint.

EXTRACT OF SWEET PEA, No. 2.

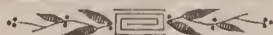
Extract of Tube Rose, from Pomade, one pint.
Spirit of Neroli, one pint.
" Rose, one pint.
Tincture of Vanilla, two ounces.
Alcohol, four pints.
Rose Water, half pint.

EXTRACT OF SWEET BRIAR, No. 2.

Extract of Cassie, from Pomade, four ounces.
Spirit of Rose, one pint.
" Neroli, six ounces.
Otto of Verbena, True, fifteen drops.
Tincture of Benzoin, two ounces.
Alcohol, three pints.
Orange Flower Water, half pint.

STEPHANOTIS, No. 2.

Extract of Jasmin, from Pomade, one pint.
" Tube Rose, from Pomade, one pint.
" Rose, from Pomade, one pint.
Tincture of Orris Root, one pint.
" Benzoin, two ounces.
" Civit, four ounces.
Otto of Lemon, half ounce.
" Neroli Petale, one drachm.
Alcohol, six pints.
Rose Water, half pint.



EXTRACT OF TUBE ROSE, No. 2.

Extract of Tube Rose, from Pomade, two pints.
Tincture of Orris Root, four ounces.
" Ambergris, one ounce.
Alcohol, four pints.
Rose Water, half pint.

EXTRACT OF TEA ROSE, No. 2.

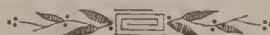
Spirit of Rose, two pints.
" Rose Geranium, one pint.
" Sandal, half pint.
" Neroli, half pint.
Tincture of Orris Root, four ounces.
" Benzoin, two ounces.
Alcohol, four pints.
Rose Water, half pint.
Orange Flower Water, half pint.

EXTRACT OF VIOLET, No. 2.

Extract of Violet, from Pomade, one pint.
" Cassie, " " " "
Tincture of Orris Root, two pints.
" Civit, four ounces.
Otto of Bitter Almonds, twenty drops.
" Rose, three-fourths of a drachm.
Alcohol, one gallon.
Rose Water, one pint.

EXTRACT OF VERBENA, No. 2.

Otto of Lemon Grass, two ounces.
" Rose Geranium, one-fourth of an ounce.
Tincture of Orris Root, eight ounces.
Alcohol, one gallon.
Water, one pint.



EXTRACT OF WHITE ROSE, No. 2.

Tincture of Orris Root, one pint.
 " Musk, two ounces.
 Spirit of Patchouly, one pint.
 Extract of Jasmin, from Pomade, one pint.
 " Cassie, " " " "
 Otto of Rose, four drachms.
 Alcohol, one gallon.
 Rose Water, one pint.
 Benzoic Acid, two drachms.

WEST END, No. 2.

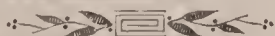
Extract of Tube Rose, from Pomade, one pint.
 " Cassie, " " "
 " Jasmin, " " "
 Tincture of Musk, four ounces.
 " Benzoin, " "
 Otto of Bergamot, two drachms.
 " Rose, four drachms.
 Alcohol, nine pints and a half.
 Rose Water, one pint.

EXTRACT OF WHITE LILAC, No. 2.

Extract of Tube Rose, from Pomade, two pints.
 " Cassie, " " eight ounces.
 Spirit of Neroli, eight ounces.
 Tincture of Orris Root, eight ounces.
 " Styrax, two ounces.
 Alcohol, four pints.
 Rose Water, eight ounces.

EXTRACT OF WOOD VIOLET, No. 2.

Extract of Cassie, from Pomade, one pint.
 " Tube Rose, from Pomade, half pint.
 Spirit of Rose, four ounces.
 Tincture of Orris Root, half pint.
 " Civit, two ounces.
 Otto of Bitter Almonds, three drops.
 Alcohol, three pints.
 Rose Water, half pint.



EXTRACT OF YLANG YLANG, No. 2.

Otto of Ylang Ylang, two drachms.

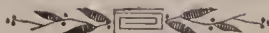
“ Rose, half drachm.

Extract of Jasmin, from Pomade, half pint.

Tincture of Civit, four ounces.

Alcohol, one gallon.

Rose Water, one pint.



NUMBER THREE EXTRACTS.

These Extracts can be made for about \$3.50 to \$4.00 per gallon I only make four odors.

JOCKEY CLUB, No. 3.

Extract of Tube Rose, from Pomade, two ounces.

“ Jasmin, “ “ “ “ “

Tincture of Orris Root, eight ounces.

“ Civit, two ounces.

“ Benzoin, two ounces.

Otto of Rose, half drachm.

“ Bergamot, one ounce.

“ Sandal, half drachm.

“ Neroli, half drachm.

“ Cinnamon, True, quarter drachm.

Alcohol, six pints.

Water, pint and a half.

NEW MOWN HAY, No. 3.

Tincture of Tonquin, pint and a half.

“ Civit, three ounces.

“ Orris Root, eight ounces.

“ Vanilla, one ounce.

Otto of Bergamot, one drachm.

“ Neroli Petale, one-fourth of a drachm.

“ Rose, ten drops.

“ Lavender Flowers, ten drops.

“ Sandal, one drachm.

Alcohol, four pints.

Water, one pint.

EXTRACT OF WHITE ROSE, No. 3.

Otto of Rose, drachm and a half.

“ Patchouly, half drachm.

“ Sweet Orange, four drachms.

“ Bergamot, four drachms.

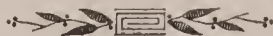
Tincture of Orris Root, eight drachms.

“ Civit, three drachms.

Extract of Jasmin, from Pomade, eight ounces.

Alcohol, gallon and a half.

Water, two pints.



WEST END, No. 3.

Tincture of Vanilla, one pint.

“ Tonka, “ “

“ Civit, four ounces.

“ Benzoin, four ounces.

Otto of Neroli Petale, one drachm.

“ Ylang Ylang, one-fourth of a drachm.

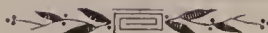
“ Rose, one drachm.

“ Cedrat, four drachms.

“ Verbena, one-fourth of a drachm.

Alcohol, gallon and a half.

Water, one-fourth of a gallon.



NUMBER FOUR EXTRACTS.

These are a low grade of Extracts, and are usually put up by Perfumers, and sold in fancy bottles. I make but eleven odors. The cost is about \$2.00 per gallon.

EXTRACT OF HELIOTROPE, No. 4.

Tincture of Vanilla, one pint.
 " Benzoin, two ounces.
 Otto of Rose Geranium, fifteen drops.
 " Bitter Almonds, twenty drops.
 Alcohol, one gallon.
 Water, half "

JOCKEY CLUB, No. 4.

Extract of Rose, from Pomade, five ounces.
 " Cassie, " " "
 " Jasmin, " " two ounces.
 " Tube Rose, " "
 Tincture of Benzoin, two ounces.
 Alcohol, one gallon.
 Water, half gallon.

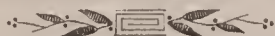
EXTRACT OF MOSS ROSE, No. 4.

Otto of Rose, one drachm.
 " Sandal, " "
 Tincture of Benzoin, four ounces.
 Extract of Jasmin, from Pomade, four ounces.
 Alcohol, gallon and a half.
 Water, six pints.

EXTRACT OF MUSK, No. 4.

Tincture of Musk, one pint.
 Alcohol, six pints.
 Water, eight pint.

NOTE.—In making Extracts or Colognes where water is used, it is better to mix the Oils and Extracts with the Alcohol, and let them stand together for two or three days, before adding the water.



EXTRACT OF NEW MOWN HAY, No. 4.

Tincture of Cumarin, half pint.
" Vanilla, half ounce.
" Benzoin, two ounces.
Otto of Rose, eight drops.
" Sandal, five drops.
Alcohol, one gallon.
Water, half "

EXTRACT OF ORANGE BLOSSOMS, No. 4.

Spirit of Neroli, one pint.
Tincture of Tolu, four ounces.
Alcohol, one gallon.
Water, half "

EXTRACT OF ROSE GERANIUM, No. 4.

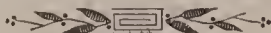
Otto of Rose Geranium, one ounce.
" Bergamot, one ounce.
Tincture of Benzoin, four ounces.
Alcohol, one gallon.
Water, half "

EXTRACT OF VERBENA, No. 4.

Otto of Lemon Grass, one ounce.
" Lemon, half ounce.
" Bergamot, half ounce.
Tincture of Benzoin, four ounces.
Alcohol, one gallon.
Water, half "

EXTRACT OF VIOLET, No. 4.

Tincture of Orris Root, one pint.
Otto of Rose, fifteen drops.
Extract of Cassie, from Pomade, eight ounces.
Alcohol, one gallon.
Water, half "



WEST END, No. 4.

Otto of Bergamot, two drachms.

“ Sandal, one “

“ Petit Grain, half “

“ Rose, half drachm.

Extract of Rose, from Pomade, four ounces.

Tincture of Vanilla, two ounces.

“ Orris, “ “

“ Benzoin, “ “

“ Styrax, one “

Alcohol, one gallon,

Water, half “

EXTRACT OF WHITE ROSE, No. 4.

Otto of Rose, one drachm.

“ Patchouly, eight drops.

“ Orange, one drachm.

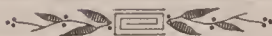
Tincture of Orris Root, two ounces.

“ Benzoin, “ “

Extract of Jasmin, from Pomade, four ounces.

Alcohol, gallon and a half.

Water, six pints.



COLOGNES.

No. 1, Cheap Cologne.

To cost about 75 cents per gallon.

Otto of Bergamot, one ounce.
" Lavender Flowers, half ounce.
" Lemon, quarter ounce.
" Cloves, half drachm.
Alcohol, one quart.
Water, four "
Carbonate Magnesia, three ounces.

Triturate the Oils with the Magnesia, gradually adding the Alcohol and water previously mixed, and filter.

No. 2, Another Cheap Cologne.

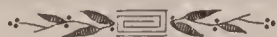
Otto of Lemon Grass, half ounce.
" Bergamot, " "
" Lavender Flowers, quarter ounce.
" Lemon, one ounce.
Alcohol, one quart.
Water, four "
Carbonate Magnesia, three ounces.

No. 3, Cheap Cologne.

To cost about \$2.25 per gallon.

Otto of Rosemary, two drachms.
" Lavender Flowers, four drachms.
" Orange, Sweet, two drachms.
" Bergamot, six drachms.
" Cassia, half "
" Petit Grain, one "
Tincture of Tolu, half ounce.
Alcohol, one gallon.

Mix, and let stand one week ; then add half a gallon of Water.



No. 4 Cologne.

Otto of Petit Grain, two drachms.
" Neroli Petale, " "
" Lavender Flowers, ounce and a half.
" Cedrat, one ounce.
" Bergamot, two ounces.
" Orange, one "
" Sandal, quarter "
" Cassia, half drachm.
Tincture of Civit, four ounces.
" Tolu, half "
Alcohol, two gallons.
Water, two pints.

Mix:

No. 5, ORANGE BLOSSOM COLOGNE.

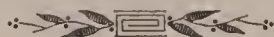
Otto of Neroli Petale, two drachms and a half.
" Lavender Flowers, two drachms.
" Lemon, ounce and a half.
" Bergamot, half ounce.
" Cloves, twenty-five drops.
Alcohol, one gallon.
Water, one pint.
Orange Flower Water, one pint.

Mix:

No. 6, WHITE ROSE COLOGNE.

Otto of Sweet Orange, one drachm.
" Bergamot, two drachms.
" Patchouly, ten drops.
" Rose, drachm and a half.
Tincture of Orris, eight ounces.
" Musk, two "
" Civit, two "
Extract of Jasmin, from Pomade, four ounces.
Alcohol, four pints.
Rose Water, eight ounces.

Mix. This makes a splendid White Rose Cologne.



No. 7, WHITE ROSE COLOGNE.

Otto of Rose, three drachms.
 Spirit of Patchouly, four ounces.
 Extract of Cassie, from Pomade, half pint.
 " Rose, " " " "
 " Jasmin, " " " "
 Tincture of Orris Root, half pint.
 " Civit, four ounces.
 Alcohol, one gallon.
 Rose Water, one pint.

Mix. This is the best Formula, and the odor, if properly made, will be like the Extract of White Rose.

No. 8, VIOLET COLOGNE.

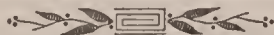
Extract of Violet, from Pomade, one pint.
 " Cassie, " " " "
 Tincture of Orris Root, one pint.
 " Civit, two ounces.
 Otto of Bitter Almond, ten drops.
 " Rose, ten drops.
 Alcohol, one gallon.

Mix :

No. 9, COLOGNE.

Otto of Bergamot, one ounce.
 " Orange, one ounce.
 " Lemon, " "
 " White Thyme, eight of an ounce.
 " Ylang Ylang, half drachm.
 " Rose, one drachm.
 " Petit Grain, two drachm.
 " Neroli Petale, " "
 Alcohol, one gallon.
 Water, one pint.

Mix :



No. 10, KLU KLU COLOGNE.

Otto of Yellow Sandal, quarter ounce.

“ Patchouly, quarter ounce.

“ Lavender Flowers, one ounce.

“ Bergamot, two ounces.

“ Rose Geranium, three fourths of an ounce.

“ Neroli Petale, quarter ounce.

“ Cloves, half drachm.

“ White Thyme, one drachm.

Tincture of Orris Root, eight ounces.

“ Musk, four ounces.

“ Ambergris, four ounces.

“ Civit, four ounces.

Alcohol, one gallon.

Mix: This Cologne will retain its odor on the handkerchief several days, if made according to my instructions.

No. 11, COLOGNE VERBENIA.

Otto of Bergamot, one ounce.

“ Lemon Grass, one ounce.

“ Cassia, twenty-four drops.

“ Wintergreen, twenty-four drops.

“ Cloves, twenty-four drops.

“ Neroli Petale, thirty drops.

“ Almond, thirty drops.

“ Lavender, one drachm.

“ Citronella, half “

Alcohol, six pints and a half.

Water, pint and a half.

Mix:

No. 12, COLOGNE, French Recipe.

Otto of Neroli Petale, three ounces.

“ Bergamot, three ounces.

“ Petit Grain, one ounce.

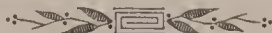
“ Cedrat, three ounces.

“ Orange, Sweet, five ounces.

“ Rosemary, three ounces.

Alcohol, five gallons and a half.

Mix:



No. 13, BOUQUET COLOGNE.

Otto of Bergamot, one ounce.
 " Lavender, French, half ounce.
 " Lemon, one ounce.
 " Rosemary, quarter ounce.
 " Bitter Almond, ten drops.
 " Cedrat, one ounce.
 " Petit Grain, one drachm.
 " Neroli Petale, two drachms.
 Tincture of Orris Root, four ounces.
 Extract of White Rose, " "
 " Jockey Club, " "
 " Wild Flowers, eight ounces.
 Alcohol, one gallon.

Mix :

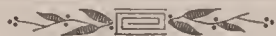
No. 14, COLOGNE.

Otto of Bergamot, four ounces.
 " Lemon, " "
 " Orange, " "
 " Rosemary, three ounces.
 " Neroli Petale, one ounce.
 " Petit Grain, two ounces.
 Alcohol, six gallons and three quarters.
 Water, six pints.

Mix :

No. 15, LILY OF THE VALLEY COLOGNE.

Extract of Rose, from Pomade, two pints.
 " Jasmin, " " "
 " Cassie, " " five ounces.
 " Violet, " " "
 Tincture of Orris Root, five ounces.
 " Civit, four ounces.
 " Vanilla. " "
 Otto of Ylang Ylang, half drachm.
 Alcohol, gallon and a half.



No. 16, MARIE STUART COLOGNE.

Otto of Rose, two drachms.

“ Sandal, “ “

“ Patchouly, half drachm.

“ Bergamot, one ounce.

“ Rose Geranium, quarter ounce.

Tincture of Orris Root, eight ounces.

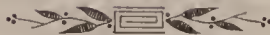
“ Musk, four ounces.

“ Tonquin, eight ounces.

Extract of Tube Rose, from Pomade, eight ounces.

“ Cassie, “ “ “ “

Alcohol, one gallon.



TOILET WATERS.

FLORIDA WATER.

Otto of Lavender, French, two ounces.
" Bergamot, four ounces.
" Cinnamon, True, two drachms.
" Cloves, one drachm.
" Neroli Petale, two drachms.
Tincture of Musk, two ounces.
Tonka Beans, quarter ounce.
Alcohol, one gallon.

Mix, and let stand two weeks.

VIOLET WATER.

Violet Cologne, four pints.
Alcohol, four pints.

Mix, and color Green with Grass or Analine.

HELIOTROPE WATER.

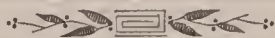
Otto of Rhodium, one drachm.
" Rose, one drachm.
" Bitter Almond, twenty drops.
Tincture of Orris, half pint.
" Vanilla, four ounces.
" Musk, one ounce.
Alcohol, three pints.
Rose Water, four ounces.

Mix :

VERBENIA WATER.

Otto of Lemon Grass, ounce and a half.
" Lemon, half ounce.
" Petit Grain, quarter ounce.
Tincture of Orris, four ounces.
Alcohol, three pints.
Water, half pint.

Mix :



LAVENDER WATER.

Otto of Lavender, (Mitchams) two ounces.

“ Rose, one drachm.

Alcohol, one gallon.

HEDYOSMIA WATER.

Otto of Neroli Petale, half ounce.

“ Lavender, French, half ounce.

“ Cloves, quarter ounce.

“ Rose, one drachm.

Tincture of Musk, two ounces.

“ Orris, half pint.

Alcohol, three pints.

Orange Flower Water, four ounces.

Mix :

HUNGARY WATER.

Otto of Rosemary, two ounces.

“ Lemon, one ounce.

“ Rose, drachm and a half.

Alcohol, one gallon.

Water, one pint.

BAY RUM, No. 1.

Oil of Bay, two drachms.

“ Pimento, one drachm.

“ Cloves, ten drops.

Alcohol, half gallon.

Water, “ “

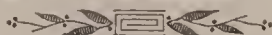
Mix :

BAY RUM, No. 2, Very Fine.

Oil of Bay, one ounce.

Alcohol, one gallon.

Mix, and let stand two weeks ; then add one gallon New England Rum. This Bay Rum is equal to the imported.



AROMATIC VINEGAR.

- Lavender Flowers, one troy drachm.
- Cloves, Bruised, twenty grains.
- Camphor Gum, one troy drachm.
- Otto of Rosemary, ten drops.
- Alcohol, one ounce.
- Acetic Acid, No. 8, four ounces.
- Water, twelve ounces.

Dissolve the Camphor and Rosemary Otto in the Alcohol, add the other ingredients, and macerate for seven days and filter.

SMELLING SALTS.

Ammonia, forty ounces.

· Break into small pieces, (not powdered,) and add strong Aqua Ammonia, previously perfumed, twenty ounces.

PERFUME FOR THE AMMONIA.

- Oil of Lavender, half ounce.
- Extract of Musk, “ “
- Oil of Bergamot, quarter ounce.
- “ Cloves, eighth of an ounce.
- “ Rose, ten drops.
- “ Cassia, five drops.

Mix:



SACHETS.

DAMASK ROSE SACHET.

Ground Rose Leaves, half pound.
" Sandal Wood, " "
Powdered Orris Root, " "
Ground Vanilla, two ounces.
Otto of Rose, one drachm.

FRANCIPANNI SACHET.

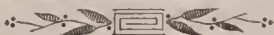
Powdered Orris Root, two pounds.
" Vertivert, half pound.
" Sandal Wood, one pound.
" Grain Musk, twenty-five grains.
" Rose Leaves, one pound.
Otto of Rose, half drachm.
" Neroli Petale, half drachm.
" Sandal, half drachm.

HELIOTROPE SACHET.

Powdered Orris Root, two pounds.
Ground Rose Leaves, pound and a quarter.
" Tonka Beans, three-fourths of a pound.
" Vanilla " quarter pound.
" Gum Benzoin, " "
Grain Musk, half drachm.
Otto of Bitter Almonds, ten drops.

JOCKEY CLUB SACHET.

Powdered Orris Root, four pounds.
" Lavender Flowers, four ounces.
" Grain Musk, one drachm.
Ground Rose Leaves, one pound.
Otto of Rose, three-fourths of a drachm.
" Bergamot, one ounce.



MAGNOLIA SACHET.

- Ground Rose Leaves, one pound.
" Orange Flowers, half pound.
" Orris Root, two pounds.
" Orange Peel, half pound.
Otto of Cedrat, two drachms.
" Bitter Almonds, quarter drachm.

NEW MOWN HAY SACHET.

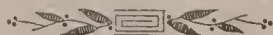
- Ground Rose Leaves, one pound.
" Orange Flowers, one pound.
" Orris Root, one pound.
" Tonka Beans, half pound.
Otto of Rose Geranium, half drachm.

PATCHOULY SACHET.

- Powdered Orris Root, one pound.
Ground Patchouly Leaves, one pound.
" Rose Leaves, quarter "
" Gum Benzoin, " "
Otto of Rose, ten drops.
" Patchouly, ten drops.

QUEEN OF SACHETS.

- Ground Rose Leaves, two pounds.
" Sandal Wood, half pound.
" Cloves, quarter "
" Ceylon Cinnamon, quarter pound.
" Tonka Beans, half pound.
Powdered Orris Root, two pounds.
Otto of Rose, two drachms.
" Sandal, " "
" Bergamot, four drachms.
" Ylang Ylang, one "



VIOLET SACHET.

Powdered Orris Root, three pounds.
Ground Violet Flowers, " "
" Rose Leaves, two "
Gum Benzoin, four ounces.
Grain Musk, half drachm.
Otto of Bitter Almond, ten drops.

WEST END SACHET.

Powdered Orris Root, two pounds.
Ground Lavender Flowers, quarter pound.
" Cloves, quarter pound.
" Rose Leaves, one "
" Tonka Beans, half ounce.
Grain Musk, fifteen grains.
Otto of Rose, half drachm.
" Petit Grain, five drops.

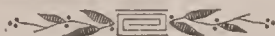
WHITE ROSE SACHET.

Powdered Orris Root, one pound.
Ground Rose Leaves, " "
" Violet, one pound.
Otto of Rose, one drachm.
" Patchouly, quarter drachm.
" Sweet Orange, one "
Grain Musk, ten grains.

TOILET POWDERS.**ROSE TOILET POWDER.**

Powdered Starch, twelve pounds.
" Orris Root, half pound.
Otto of Sandal, one drachm.
" Rose, " "
Extract of Musk, " "

Mix:



VIOLET POWDER.

Powdered Starch, twelve pounds.

“ Orris Root, two “

Otto of Lemon, half ounce.

“ Bergamot, quarter ounce.

“ Cloves, “ “

Mix :

FACE PREPARATIONS.**LILY WHITE.**

Powdered Talc, one pound.

Corn Starch, two “

Mix together with Mucilage.

FINEST FACE POWDER.

Powdered Corn Starch, five pounds.

“ Talc, one pound.

“ Oxide Zinc, quarter pound.

Otto of Rose, one drachm.

“ Sandal, “ “

“ Bergamot, two drachms.

Mix :

FACE POWDER.

Starch, one pound.

Oxide of Bismuth, four ounces.

Otto of Bergamot, one drachm.

“ Rose, ten drops.

“ Almond, two drops.

Mix :

ROSE FACE POWDER.

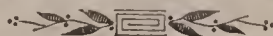
Rice Starch, seven pounds.

Rose, Pink, half drachm.

Otto of Rose, two drachms.

“ Sandal “ “

Mix :



FACE WASHES.

WHITE ENAMEL.

Lavigated Talc, three ounces.
Glycerine, two ounces.
Rose Water, twenty ounces.

Mix :

LIQUID BLANC DE PERLE.

Rose Water, one pint.
Oxide of Bismuth, two ounces.

Mix by long Trituration.

VELVET CREAM.

Finest Prepared Chalk, one pound.
Oxide of Zinc, one ounce.
Powdered Starch, four ounces.
Oxide of Bismuth, one ounce.
Glycerine, four ounces.
Orange Flower Water, two pints.

Mix carefully.

ROUGE.

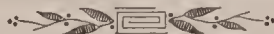
Powdered Talc, one pound.
Carmine, two drachms.

Mix :

Another.

Powdered Starch, one pound.
Prepared Chalk, " "
Carmine, half ounce.
Otto of Rose, one drachm.

Mix Mucilage, q. s.



BLOOM OF ROSES.

Strong Liquid Ammonia, half ounce.

Finest Carmine, quarter ounce.

Rose Water, one pint.

Extract of White Rose, half ounce.

Mix:

HAIR OILS.**ROSE HAIR OIL, (Common.)**

Cotton Seed Oil, four pints,

Otto of Rosemary, half ounce.

“ Orange, one “

“ Thyme, quarter “

Mix; color Red with Alkanet.

ROSE HAIR OIL, (Finest.)

Oil Benne, three pints.

Castor Oil, one pint.

Otto of Bergamot, half ounce.

“ Neroli, one drachm.

“ Rhodium, two drachms.

“ Geranium, “ “

Mix; and color with Alkanet.

MACASSAR OIL.

Oil Benne, three pints.

Castor Oil, one “

Otto of Rosemary, one drachm.

“ Rhodium, two drachms.

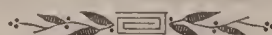
“ Nutmegs, one drachm.

“ Bergamot, two drachms.

“ Thyme, one drachm.

“ Cassia, “ “

Mix, and color Deep Red with Alkanet.



BEARS OIL.

Oil Benne, two pounds.
 Otto of Bergamot, half ounce.
 " Lemon, quarter "
 " Thyme, one drachm.
 " Cloves, " "

Mix:

HAMLIN'S ACME HAIR OIL.

Oil of Benne, four pints.
 Castor Oil, one pint.
 Otto of Bergamot, one ounce.
 " Rose, one drachm.
 " Cloves, half "
 " Neroli Petale, one drachm.

Oil Benne is used by all the French Perfumers for making fine Hair Oils.

Alkanet Root will color the Oil Red by allowing it to soak in the Oil, then straining.

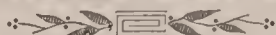
HAIR TONICS.

Castor Oil, pint and a half.
 Alcohol, six pints.
 Tincture Cantharides, two ounces.
 Borax, one ounce.
 Water, four ounces.
 Otto of Lavender, one ounce.
 " Bergamot, half "
 " Cloves, half drachm.

Dissolve the Borax in the Water by heat, and add slowly to the other ingredients.

GLYCERINE HAIR LOTION.

Glycerine, two pints.
 Alcohol, " "
 Otto of Bergamot, half ounce.
 " Rose Geranium, one drachm.
 " Lavender, half ounce.
 " Cloves, one drachm.



HAMLIN'S HAIR TONIC.

Castor Oil, twenty-four ounces.
Alcohol, fifty-six ounces.
Tincture of Cantharides, half ounce.
" Benzoin Compound, half ounce.
Aromatic Spirits Ammonia, quarter ounce.

Mix, and perfume with

Otto of Bergamot, half ounce.
" Lavender, drachm and a half.
" Cloves, one drachm.
" Geranium, half drachm.

QUININE HAIR TONIC.

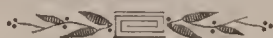
Glycerine, one pint.
Alcohol, " "
Sulphate of Quinine, one drachm.
Water, one drachm.
Otto of Cloves, half drachm.
" Lemon, four "
" Bergamot, one ounce.

Dissolve the Quinine with a few drops of diluted Sulphuric Acid, add the Water. Dissolve the Ottos in the Alcohol and mix the Solutions.

GLYCERINE and LIME JUICE, for the HAIR.

Glycerine, four ounces.
The juice of six Lemons.
Castor Oil, four ounces.
Alcohol, one pint.
Liquor Potassa, U. S. P., half ounce.
Water, eight ounces.
Otto of Rose Geranium, one drachm.
" Lavender, half drachm.
" Cloves, " "

Dissolve the Ottos and Castor Oil in the Alcohol; mix the Water, Glycerine and Lemon Juice and add to the Alcoholic solution gradually.



CASTOR OIL, ROSEMARY, AND BAY RUM TONIC.

Castor Oil, nine pints.
Alcohol, twenty-nine pints.
Otto of Bay, ounce and a half.
" Bergamot, one ounce.
Tincture of Trichine, drachm and a half.

Mix:

MRS. LA RUES HAIR RESTORER.

Sugar of Lead, one drachm.
Lac Sulphur, four "
Tincture of Cantharides, four drachms.
" Benzoin, " "
Aromatic Spirits of Ammonia, two drachms.
Glycerine, four ounces.
Alcohol, " "
Water, twelve ounces.
Otto of Rose Geranium, quarter ounce.

HAIR DYE.

HAIR DYE, No. 1.

Gallic Acid, two drachms.
Alcohol, one ounce.
Distilled Water, one pint.

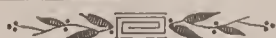
Mix:

HAIR DYE, No. 2.

Nitrate Silver, half ounce.
Distilled Water, four ounces.
Aqua Ammonia, q. s.

Mix:

Before using this Dye, it is necessary to free the hair from grease by washing it with Salts of Tartar. First apply Hair Dye, No. 1; when dry, apply Hair Dye, No. 2, which is best laid on with an old tooth brush.



TOOTH POWDERS.

No. 1.

Powdered Soap, four ounces.
Precipitated Chalk, two pounds.
Otto of Wintergreen, q. s.

Mix:

No. 2, ROSE TOOTH POWDER.

Precipitated Chalk, pound and a half.
Powdered Sugar, quarter pound.
" Orris Root, quarter pound.
" Cuttle Fish Bone, two ounces.
Carmine, half ounce.
Otto of Rose, half drachm.
" Bergamot, half drachm.
Tincture of Musk, quarter "

Mix:

CAMPBOR AND SOAP TOOTH POWDER.

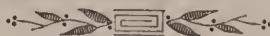
Powdered Soap, four ounces.
" Camphor, two ounces.
Precipitated Chalk, four pounds.
Oil of Wintergreen, four drachms.

CHLORATE TOOTH POWDER.

Powdered Chlorate Potassa, eight ounces.
" Sugar, two pounds.
" Myrrh, two ounces.
" Red Cinchona, one ounce.
Precipitated Chalk, five pounds.
Oil of Wintergreen, one ounce.

CHARCOAL TOOTH POWDER.

Powdered Willow Charcoal, one pound.
Precipitated Chalk, one pound.
Powdered Orris Root, two ounces.
Oil of Cinnamon, True, one drachm.



TOOTH PASTE.

Prepared Chalk, one pound.
 Powdered Orris Root, three ounces.
 " Sugar, four ounces.
 " Cuttle Fish, ounce and a half.
 Otto of Rose, half drachm.
 " Almonds, ten drops.
 Honey, q. s. to make a paste,

TOOTH WASHES.

Tincture of Pyrethra, four ounces.
 " Rhatany, " "
 " Myrrh, " "
 " Benzoin, " "
 " Vanilla, " "
 " Aquilla Bark, eight ounces.
 " Cochineal, one ounce.

Mix :

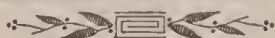
VIOLET TOOTH WASH.

Tincture of Orris, eight ounces.
 " Myrrh, four "
 " Aquilla Bark, eight ounces.
 " Archil, one ounce.
 Extract of Violet, two "
 " Rose, two "
 Otto of Almond, ten drops.

Mix :

CHLORATE TOOTH WASH.

Chlorate of Potassa, half ounce.
 Tincture of Orris Root, two ounces.
 " Myrrh, U. S. P., two ounces.
 " Soap Bark, (1 oz. to the pint.) one ounce.
 Water, eight ounces.
 Rose Water, eight ounces.



ROSE MOUTH WASH.

Tincture of Orris Root, eight ounces.
Spirit of Rose, eight ounces.
Alcohol, eight ounces.
Water, one pint.

EAU BOTAT.

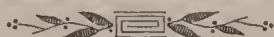
Tincture of Cedar Wood, (1 oz. to the pint.) one pint.
" Myrrh, U. S. P., four ounces.
" Rhatany, four ounces.
Otto of Peppermint, fifteen drops.
" Rose, ten drops.

ROSE LIP SALVE.

Oil of Almond, Sweet, half pound.
Spermaceta, one ounce.
White Wax, " "
Glycerine, two ounces.
Otto of Rose, fifteen drops.
Color with Alkanet Root.

WHITE LIP SALVE.

Almond Oil, Sweet, quarter pound.
White Wax, one ounce.
Spermaceta, " "
Otto of Almond, half drachm.
" Geranium, quarter drachm.



COSMETIQUES.

WHITE STICK POMATUM.

Benzoinated Suet, one pound.
White Wax or Paraffin, half pound.
Otto of Bergamot, one ounce.
" Cassia, one drachm.
" Cedrat, " "

Black and Brown Pomatum are made the same way, but colored with Lamp Black or Ground Umber.

HAIR POMADE.

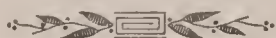
Purified Lard, four pounds.
" Suet, two "
Otto of Lemon, one ounce.
" Bergamot, one ounce.
" Cloves, quarter "

BEARS GREASE POMADE.

Rose Pomade, half pound.
Orange Flower Pomade, half pound.
Cassie Pomade, half pound.
Tuberose Pomade, half pound.
Jasmine Pomade, " "
Sweet Oil of Almonds, ten pounds.
Lard, twelve pounds.
Otto of Bergamot, four ounces.
" Cloves, two ounces.

PHILOCOME POMADE.

Purified Lard, three pounds.
Rose Pomade, one pound.
Orange Flower Pomade, half pound.
Tincture of Benzoin, one ounce.
" Vanilla, two ounces.
" Musk, four "
Otto of Neroli Petale, half ounce.



FUMIGATING PASTILLES.

Powdered Charcoal, two pounds.
 " Tonka Beans, quarter pound.
 " Gum Benzoin, " "
 " Allspice, quarter pound.
 " Cassia, " "
 " Cloves, " "
 " Nitrate of Potash, quarter pound.

Mix together and make into a mass with Mucilage of Tragacanth and by means of a mould or with the fingers make them into cones about an inch long and not quite half an inch at the base.

Another Formulæ.

Powdered Willow Charcoal, two pounds.
 Gum Olibanum, quarter pound.
 " Benzoin, " "
 Otto of Lavender, one drachm.
 " Caraway, " "
 " Cloves, " "
 " Cassia, half drachm.
 " Rose Geranium, one drachm.
 " Sandal, one drachm.

Nitrate of Potash, quarter pound.

The Saltpetre is dissolved in Mucilage of Tragacanth, then the whole mixed and beaten into a stiff mass and moulded into cones.

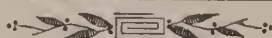
BANDOLINE.

Gum Tragacanth, two ounces.
 Orange Flower Water, one pint.
 Water, seven pints.
 Otto of Bitter Almonds, one drachm.
 Alcohol, four ounces.

The Gum is dissolved for a day or two in the Water, stirred well and strained, and the Alcohol with the perfume added.

QUINCE SEED BANDOLINE.

Quince Seed, half ounce.
 Glycerine, one ounce.
 Rose Water, one pint.



BRILLIANTINE.

Veal Fat, four ounces.
Spermaceti, two ounces.
Castor Oil, " "
Otto of Bitter Almonds, half drachm.
" Bergamot, two drachms.
" Cloves, one drachm,

BRILLIANTINE.

Oil of Benne, four pints.
Castor Oil, one pint.
Otto of Rose, one drachm.
" Neroli Petale, one drachm.
" Bergamot, one ounce.
, Cinnamon, True, half drachm.
" Cloves, half drachm.

ROSE WATER.

Otto of Rose, one drachm.
Carbonate of Magnesia, one ounce.
Water, one gallon.

Triturate together the Otto and Magnesia, adding the Water gradually and filter.

Another.

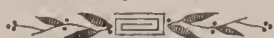
Otto of Rose, one drachm.
Hot Alcohol, two ounces.
Hot Water, one gallon.
Carbonate of Magnesia, four ounces.

Mix the Otto and Hot Alcohol together, then triturate with the Magnesia, then add the Water and let stand for one week before filtering.

Another.

Extract of Rose, from Pomade, eight ounces.
Carbonate of Magnesia, eight ounces.
Water, one gallon.

Proceed as with first formulæ. This produces an article equal to the imported.



ORANGE FLOWER WATER.

Otto of Nerali Petale, drachm and a half.

Carbonate of Magnesia, one ounce.

Water, one gallon.

Make same as Rose Water.

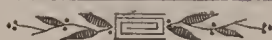
Another Formulæ.

Extract Orange Flower, from Pomade, eight ounces.

Carbonate Magnesia, eight ounces.

Water, one gallon.

Proceed as for Rose Water.



FLAVORING EXTRACTS.

To make good Flavoring Extracts, it requires: First—Good and pure Alcohol or Cologne Spirits. Second:—The finest and freshest of Essential Oils. Third:—Let your "Extracts" macerate from two to four weeks.

EXTRACT OF ALMOND.

Oil of Bitter Almond, one drachm.
Alcohol, one pint.

Mix and add one ounce of Water. The Oil of Bitter Almond must be *free* from Prussic Acid.

EXTRACT OF APRICOT.

Apple Essence, (full strength), one ounce.
Citric Acid, half ounce.
Alcohol, ten ounces.
Water, six ounces.

Mix:

EXTRACT OF BANANA.

Oil of Banana, one ounce.
Citric Acid, half ounce.
Alcohol, twelve ounces.
Water, four ounces.

Mix:

EXTRACT OF CELERY.

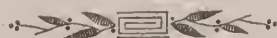
Powdered Celery Seed, two ounces.
Acetic Acid, half ounce.
Alcohol, twelve ounces.
Water, four ounces.

Macerate for two weeks.

EXTRACT OF CHOCOLATE.

Caracas Confectioners' Chocolate, one pound.
Hot Alcohol, two pints.
" Water, " "

Macerate for seven days, then add one ounce of Extract of Vanilla.



EXTRACT OF CINNAMON.

Oil of Ceylon Cinnamon, half ounce.

Alcohol, one pint.

Cassia Bark, one ounce.

Mix and add two ounces of Water.

EXTRACT OF CLOVES.

Oil of Cloves, one ounce.

Alcohol, one pint.

Ground Cloves, half ounce.

Mix and add two ounces of Water.

EXTRACT OF GINGER.

Powdered Jamaica Ginger, four ounces.

Alcohol, one pint.

Macerate for two weeks.

EXTRACT OF JARCONNELLE PEAR.

Pear Essence, one ounce.

Citric Acid, half ounce.

Alcohol, twelve ounces.

Water, four ounces.

EXTRACT OF LEMON.

Oil of Lemon, one ounce.

Alcohol, one pint.

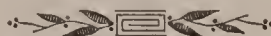
Mix well, and add one ounce of Water; shake and color with Tumeric. The Water helps throw out the odor of the Oil, also helps to destroy the Alcohol smell.

EXTRACT OF MACE.

Ground Mace, four ounces.

Alcohol, one pint.

Macerate :



EXTRACT OF NUTMEGS.

Oil of Nutmegs, half ounce.
Ground Mace, quarter "
Alcohol, one pint.
Mix and add two ounces of Water.

EXTRACT OF ORANGE.

Oil of Sweet Orange, fresh, one ounce.
Alcohol, one pint.
Mix and add one ounce of Water; color with Tumeric.

EXTRACT OF PEACH.

Oil of Lemon, one ounce.
" Bitter Almond, two drachms.
Alcohol, two pints.
Mix and add two ounces of Water. The Oil of Bitter Almond must be *free* from Prussic Acid.

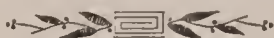
EXTRACT OF PINEAPPLE.

Oil of Pineapple, one ounce.
Citric Acid, half ounce.
Alcohol, twelve ounces.
Water, four ounces.
Mix and color with Tumeric.

I would here state that it is impossible to make pure Extracts of Strawberry, Raspberry, and Pineapple. These Recipes are the best I have ever seen, but it is best not to make these Extracts.

EXTRACT OF RASPBERRY.

Essence of Raspberry, six drachms.
Tincture of Orris, half ounce.
Extract of Rose, quarter ounce.
Citric Acid, half ounce.
Alcohol, twelve "
Water, four "
Mix; color with Liq. Carmine.



EXTRACT OF ROSE.

Otto of Rose, finest, one drachm.

Alcohol, one pint.

Mix well, and add one ounce of Rose Water; color with Liq. Carmine or Cudbear.

EXTRACT OF SASSAFRAS.

Oil of Sassafras, one ounce.

Alcohol, one pint.

Mix:

EXTRACT OF STRAWBERRY.

Oil of Pineapple, one ounce.

Tincture of Orris, half “

Tartaric Acid, “ “

Alcohol, twelve ounces.

Water, four ounces.

Mix and color with Liq. Carmine.

EXTRACT OF VANILLA.

Finest Mexican Vanilla Bean, one ounce.

Cut very fine; let dry for one day; then rub in mortar with two ounces Sugar; do not rub too fine; then macerate with one pint diluted Alcohol for two or four weeks. This formulæ produces an extra fine flavor. Some druggists grind or powder their Beans too finely, which is a great error.

Another Formulæ.

Best Mexican Vanilla Beans, one ounce.

“ Tonka Beans, one bean.

Sugar, two ounces and a half.

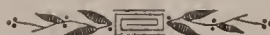
Diluted Alcohol, one pint.

Proceed same as in the first formulæ. Some persons prefer this Extract to the first, as the Tonka Bean blends well with the Vanilla.

EXTRACT OF WINTERGREEN.

Oil of Wintergreen, one ounce.

Alcohol, one pint.



FLAVORING ESSENCES.

Essences are but weak Extracts, and I give the formulæ of those in use by our best wholesale druggists.

ESSENCE OF CINNAMON.

Oil of Cassia, two ounces.

Alcohol, six pints.

Mix and add two pints of Water; color with Red Saunders.

ESSENCE OF LEMON.

Oil of Lemon, two ounces.

Alcohol, six pints.

Mix well and add two pints of Water; color with Turmeric; let stand and filter through Carb. Magnesia.

ESSENCE OF PEPPERMINT.

Made same strength as Essence of Lemon.

ESSENCE OF VANILLA.

Tonka Beans, four ounces.

Alcohol, two pints.

Water, six “

Sugar, one pound.

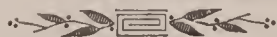
Macerate for two weeks, and color with Caramel.

ESSENCE OF WINTERGREEN.

Oil of Wintergreen, two ounces.

Alcohol, five pints.

Mix and add three pints of Water; color with Red Saunders.



SODA SYRUPS.

BANANA SYRUP.

Pineapple Syrup, one pint.
Vanilla " half "
Lemon, " four ounces.

Mix :

BOSTON SYRUP.

Pineapple Syrup, one pint.
Strawberry " half "
Vanilla " four ounces.
Lemon " two "

Mix :

CELERY SYRUP.

Extract of Celery, half ounce.
Simple Syrup, four pints.

Mix :

HAMLIN'S COFFEE SYRUP.

Best Java Coffee, Ground, quarter pound.

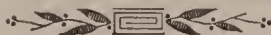
Moisten with Brandy and pack into a percolator ; pour on boiling water until sufficient quantity has run through to make two pints of Syrup ; let it percolate into a bottle containing a pound and a half of Powdered Sugar.

This is by all means the finest Coffee Syrup ever made. It may cost a little more by using the Brandy, but the trade it brings will more than make up for it.

FRUIT ACID.

Citric Acid, eight ounces.
Water, one pint.

Mix :



LEMON SYRUP.

Simple Syrup, one gallon.
Extract of Lemon, one ounce.
Fruit Acid, half ounce.

Mix :

MOSCHATA SYRUP.

Extract of Mace, one drachm.
" Lemon, five drops.
Simple Syrup, half pint.

Mix :

NECTAR SYRUP.

Extract of Almond, eight drops.
Pineapple Juice, half ounce.
Orange Flower Water, one ounce.
Raspberry Juice, one ounce.
Simple Syrup, two pints.

Mix :

HAMLIN'S "NOT PARTICULAR" SYRUP,

—OR—

METE NETE SYRUP.

Pure Cream, eight ounces.
Water, eight ounces.
Sugar, pound and a half.

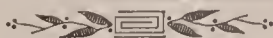
Mix and flavor with Vanilla ; then beat up the yolks of nine Eggs and mix thoroughly.

An elegant syrup. This Syrup, also the Red Orange, will sell for ten cents per glass.

"OLD FELS" SYRUP.

Alcohol, Diluted, two ounces.
Brandy, four ounces.
Boiling Water, four pints.
Sugar, four pounds.

Mix :



ORCEAT SYRUP.

Simple Syrup, one pint.

Mucilage Acacia, three ounces.

Orange Flower Water, one ounce.

Mix and add,

Tincture of Tolu, one drachm.

Extract of Almond, three drachms.

Very fine.

HAMLIN'S RED ORANGE SYRUP.

Extract of Orange, one ounce.

Tincture of Orange Peel, two ounces.

Fruit Acid, half ounce.

Simple Syrup, one gallon.

Color with Tincture of Cudbear. This Recipe makes a most popular Syrup. The Tincture of Cudbear adds to its flavor.

PINEAPPLE SYRUP.

Take a convenient number of Pineapples, pare and mash them in a porcelain mortar with a small quantity of Sugar, express the juice, and for each quart take a pint and a half of Water and six pounds of Sugar; bring Sugar and Water to a boil and add the juice.

PEACH SYRUP.

Extract of Almond, twenty drops.

“ Lemon, half drachm.

Rose Water, four drachms.

Simple Syrup, one pint.

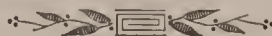
RASPBERRY SYRUP.

Raspberries, five quarts.

Sugar, twelve pounds.

Water, one pint.

Sprinkle Sugar on the Raspberries in layers, and allow the whole to stand twenty-four hours, express the juice and strain, washing out the pulp with Water, add remainder of Sugar and Water, and bring to a boil and strain.



SARSAPARILLA SYRUP.

Simple Syrup, one gallon.

Essence of Sassafras, half ounce.

“ Wintergreen, half ounce.

“ Anise, quarter ounce.

Syrup of Gum Arabic, four ounces.

Mix and color with Caramel.

SIMPLE SYRUP.

Granulated Sugar, ten pounds.

Water, one gallon.

Bring to a boiling point, and add the whites of three Eggs.

SHERBET SYRUP.

Extract of Banana, one ounce.

Sherry Wine, one pint.

Simple Syrup, six pints.

Mix :

STRAWBERRY SYRUP.

Pineapple Syrup, one pint.

Raspberry “ “ “

Mix, or make same as Raspberry.

VANILLA SYRUP.

Simple Syrup, one gallon.

Extract of Vanilla, one-half to one ounce.

Mix :

OUR DARLING'S DELIGHT.

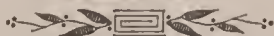
“ Not Particular ” Syrup, one pint.

Strawberry Syrup, one pint.

Red Orange “ four ounces.

Nectar Syrup, four ounces.

Mix :



OUR FRIEND.—A True Syrup.

Pure Cream, eight ounces.

Water, eight ounces.

Sugar, two pounds.

Mix and add,

Whites of six eggs.

Whiskey, one pint.

Jamaica Rum, half pint.

Mix :

BOUQUET SYRUP.

Vanilla Syrup, one pint.

Orange " " "

Strawberry Syrup, one pint.

Coffee Syrup, four ounces.

Lemon " one pint.

Peach " half "

Mix :

HAMLIN'S TONIC BEER SYRUP.

Extract of Sassafras, two ounces.

" Wintergreen, two ounces.

Simple Syrup, one gallon.

Mix ; color with Caramel. This makes an Excellent Beer.

CHOCOLATE SYRUP.

Chocolate, half pound.

Water, two pints.

Sugar, four pounds.

Whites of two eggs.

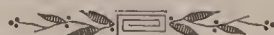
Bring to a boil.

ORANGE SYRUP.

Extract of Orange, two ounces.

Simple Syrup, one gallon.

Mix :



CATAWBA SYRUP.

Catawba Wine, one quart.

Citric Acid, one ounce.

Simple Syrup, one gallon.

Mix:

GINGER SYRUP.

Flavoring Extract of Ginger, two ounces.

Simple Syrup, one gallon.

Mix:

THE CELEBRATED NEW ORLEANS MEAD.

Ground Mace, half pound.

“ Cassia or Cinnamon, half pound.

“ Black Pepper, half pound.

“ Nutmegs, quarter “

“ Cloves, “ “

Vanilla Beans, No. 2.

Place in an earthen pot or in a demijohn with half a gallon each of Alcohol and Water, and keep without disturbing for at least one month. then draw off carefully ; for twenty quarts of Simple Syrup take half a pint of this Extract, with half a gallon of nice clear Honey. Use same as any Syrup.

To charge a fountain of Mead, use ten gallons of Water and two gallons of Mead Syrup. The ingredients can be used a second time, and in fact makes a better Extract.

This makes a delightful drink and can be run under any name. I have sold it myself for some time with great success.

MISCELLANEOUS FORMULÆ.**COUGH PILLS.**

Powdered Squills, twelve grains.

“ Digitalis, “ “

“ Opium, “ “

Antimony et Potass Tart, three grains.

Mix and make into twenty-four Pills.



COMPOUND SYRUP OF WILD CHERRY.

Wild Cherry Bark, Ground, five ounces.

Bloodroot, two ounces.

Glycerine, one ounce.

Water, two pints.

Sugar, twenty-eight ounces.

Sulphate Morphia, eight grains.

Macerate Wild Cherry and Bloodroot with Glycerine and sufficient Water in a covered dish for twenty-four hours; then pack in Percolator and pour on Water with the Morphia dissolved until two pints has run through; then add Sugar. *Do not heat*, but make cold. Be careful and not moisten too much.

COMPOUND MIXTURE OF BISMUTH.

The best Dyspepsia Remedy in the world. In use by all the leading Eastern Physicians.

Powdered Sugar, four ounces.

“ Ginger, “ “

“ Gum Arabic, four ounces.

Bicarbonate Soda, four ounces.

Sub. Nitrate of Bismuth, four ounces.

Mix. Dose from one-half to one tea-spoonful.

ESSENCE OF JAMAICA GINGER.

Jamaica Ginger, Powdered, eight ounces.

African, “ “ four ounces.

Alcohol, two pints.

Percolate until two pints are run through.

Another.

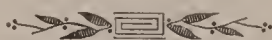
Jamaica Ginger, eight ounces.

African “ four “

French Brandy, eight ounces.

Alcohol, twenty-four ounces.

Percolate until two pints are run through. The finest Essence of Ginger made.



ROOT BEER.

Lignum Root, (Bruised) two pounds.
Sassafras Bark, one pound.
Molasses, one gallon.
Water, five gallons.
Yeast, four ounces.

Boil the Root and Bark in the Water, strain and add the Molasses ; let it ferment and add a little Oil of Wintergreen.

GINGER ALE.

Syrup, two gallons.
Extract of Jamaica Ginger, eight ounces.
Water, four gallons.
Tartaric Acid, four ounces.
Yeast, four ounces.

Let it ferment a few days, and bottle after fermentation.

SOL. CITRATE MAGNESIA.

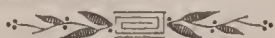
Calcium Magnesia, one ounce and three-fourths.
Citric Acid, eight ounces.
Water, four pints.

Mix. This makes sixteen bottles ; put ten drachms Syrup Citric Acid in each bottle, fill with Water and add thirty grains Bicarbonate Potass to each bottle ; cork and tie.

ELIXIR CALASAYA.

Sulphate Quinia, three grains.
Dil. Sulphuric Acid, two drops.
Tincture of Orange Peel, half ounce.
" Cinnamon Comp., quarter ounce.
Simple Syrup, eight ounces.
Alcohol, eight ounces.
Rose Water, eight ounces.
Otto of Rose, two drops.
Tr. Cochineal, q. s.

Mix :



TONIC BITTERS.

Fluid Extract of Gentian Comp., one ounce.
 " " " Chamomile, two drachms.
 " " " Quassia, two drachms.
 " " " Rhei, two drachms.

Simple Syrup, two ounces.

Sherry Wine, one pint.

Mix :

HAMLIN'S TONIC ELIXIR.

Ground Yellow Cinchonia, four ounces.

Otto of Sweet Orange, one drachm.

Ground Cassia, four ounces.

" Coriander Seeds, four ounces.

" Cardamon " one ounce.

" Caraway " " "

" Cochineal, half ounce.

Simple Syrup, four pints.

Alcohol, one gallon.

Water, two gallons and a half.

Bicarbonate Soda, one drachm.

This Elixir can be made by percolation, but it is a great deal better to make it by maceration.

This is certainly the best Tonic Elixir ever made. It will well repay the druggist for making. The flavor is elegant. A dose in the morning is far better than a cocktail. The dose is from one-half to a wineglassful.

COUGH SYRUP.

Honey, three pounds.

New England Rum, three pints.

Powdered Liquorice, one ounce.

Tincture of Opium, " "

Wine of Ipecac, two ounces.

Mix :

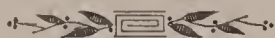
SHAMPOO FOR THE HAIR.—Cristiani's.

Salts of Tartar, two ounces.

Bay Rum, two ounces.

Rose Water, one pint.

Water, one pint.



HAMLIN'S SHAMPOO.

Salts of Tartar, half ounce.
Borax, half ounce.
Bay Rum, half pint.
Water, pint and a half.

CACHOUS.—CRISTIANIS.

Powdered Catechu, half pound.
" Extract of Liquorice, pound and a half.
" Liquorice Root, three pounds.
" Gum Arabic, two pounds.
" White Sugar, eight pounds.

These powders being mixed and with Syrup made in a mass and into granules not weighing over half a grain, perfumed with the following:

Otto of Cloves, three-fourths of an ounce.
" Coriander, half ounce.
" Caraway, " "
" Peppermint, " "
" Nutmegs, quarter ounce.
" Lemon, half ounce.
" Allspice, " "
" Rose, quarter ounce.

Tincture of Musk, half "

To be coated with Pure Silver Leaf.

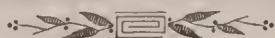
COLORING FOR BUTTER.

Roco Seed, one pound.
Carbonate of Potash, two ounces.
Water, two pints.

Let the Seed be ground to a coarse powder and boiled with the water for half an hour; add the Carbonate of Potash, then strain and bottle.

CHILBLAIN LOTION.

Alum, half ounce.
Camphor, one drachm.
Cucumber Juice, two ounces.



CORN SOLVENT.

Salts of Tartar, (Desicated) one ounce.

Bole Armenia, half ounce.

Resin Ointment, one ounce.

This is spread upon the exact size of the corn or bunion and after some hours the feet are put into warm water and the corn will be found soft enough to pick out with the fingers. Care must be taken to keep the solvent off the surrounding skin, as it is quite caustic.

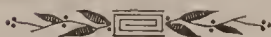
CORN PLASTER.

Galbanum Plaster, four ounces.

Black Pitch, two ounces.

Sal Ammoniac, half ounce.

Stir the powdered Sal Ammoniac into the melted plaster. This is also used for Warts.



In the formula for Elixir Pepsin, Bismuth and Strychnia, Sulphate of Strychnia should read eight grains.

FANCY ELIXIRS.

The formulæ for the following Fancy Elixirs published in this work were gotten up by the popular young chemist, Mr. E. H. Dryden, of Baltimore, and are very fine.

ELIXIR PEPSIN AND BISMUTH.

Saccharated Pepsin, four ounces and three-fourths.
Cit. Bis. et Ammonia, " " " " "
Alcohol, one pint.
Rose Water, one pint.
Sugar, two pounds and a half.
Water, q. s.
Caramel, four drachms.
Water of Ammonia, q. s.

Dissolve the Citrate Bismuth of Ammonia in four pints of water and filter. Dissolve the Pepsin and Sugar in this filtrate without heat. Mix the Alcohol and Rose Water, and to the solution neutralized with the Ammonia add the Caramel and strain through canton flannel, without pressure, adding water q. s. to make the whole quantity one gallon.

ELIXIR PEPSIN, BISMUTH AND STRYCHNIA.

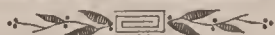
Elixir Pepsin and Bismuth, four pints.
Sulphate of Strychnia, eight grains.

Mix and filter.

ELIXIR PHOSPHATE, IRON, QUINIA AND STRYCHNIA.

Sulphate of Strychnia, sixteen grains.
" Quinia, one ounce.
Pyrophosphate of Iron, two ounces and a quarter.
Alcohol, one pint.
Water, pint and a half.
Simple Syrup, pint and a half.
Simple Elixir, four pints.

Dissolve Sulphate of Strychnia in the Alcohol, then dissolve the Quinia in this solution. Then dissolve the Pyrophosphate of Iron in the water, mix the two solutions and add the Simple Syrup and Simple elixir and filter.



ELIXIR IRON AND QUINIA.

Cit. of Iron and Quinia, four ounces and three fourths
Water, eight ounces.

Simple Elixir, seven pints and a half.

Dissolve the Citrate of Iron and Quinia in the Water, add the simple Elixir and filter.

ELIXIR. IRON, QUINIA AND STRYCHNIA.

Elixir Iron and Quinia, one gallon.

Sulphate of Strychnia, sixteen grains.

Dissolve and filter.

ELIXIR CALASAYA.

Sulphate of Quinia, twenty grains.

“ Cinchonida, twenty grains.

Rose Water, five ounces.

Simple Syrup, “ “

Alcohol, “ “

Tincture of Orange, one ounce.

Dissolve the Quinia and Cinchonida in the Alcohol, add the Tincture of Orange, mix the Simple Syrup and Rose Water; then mix all together, color with Tincture of Red Saunders and Caramel to dark red.

ELIXIR CALASAYA.

Red Cinchonia Bark, eight ounces.

Orange Peel, four ounces.

Cassia, three ounces.

Coriander, three ounces.

Angelica, “ “

Caraway, one ounce.

Anise Seed, one ounce.

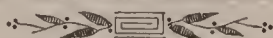
Cochineal, one ounce.

Simple Syrup, five pints.

Brandy, q. s.

Water, q. s.

Grind to a coarse powder and percolate with Brandy until five pints of Tincture is obtained, then add equal parts of Brandy and Water to make the Tincture measure eleven pints. Shake well and add the Simple Syrup, then shake until thoroughly mixed.



WINE OF PEPSIN.

Pepsin, two drachms.
Hydrochlor-Acid, one drachm.
Sherry Wine, twelve ounces.
Water, four ounces.

SIMPLE ELIXIR.

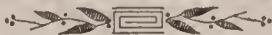
Oil of Sweet Orange, five drachms.
Cotton, q. s.
Sugar, three pounds and one-eighth.
Alcohol, two pints.
Water, five pints.

Add the Oil to a small quantity of cotton, pick dry, pack in percolator and pass the Alcohol and Water through. In this tincture dissolve the Sugar without heat.

BITTER WINE OF IRON.

Calisaya Bark, three ounces and a half.
Gentian, two ounces.
Citrate of Iron, three ounces and a half.
Sherry Wine, six pints.
Alcohol, eight ounces.
Oil of Sweet Orange, drachm and a half.
Sugar, one pound.
Sol. Ter-Sulph-Iron, sixteen ounces.
Aqua Ammonia, q. s.
Brandy, eight ounces.

Mix the Sherry Wine and Brandy; dissolve Oil of Orange in the Alcohol; mix these solutions. Mix the Calisaya and Gentian and percolate with the solution of Wine, Brandy and Alcohol, pour on sufficient Water to make seven pints and a half. Dilute the Sol. Ter-Sulph of Iron with twice its bulk of Water, and add the Aqua of Ammonia in slight excess. Wash and drain the precipitate thoroughly, mix this with the tincture and agitate occasionally until it acquires a slight yellow color and does not precipitate with Tincture of Chlo-Iron. Filter and dissolve the Citrate of Iron, then the Sugar; add water to make measure one gallon. This contains twelve grains Calisaya Bark, eight grains Gentian and twelve grains Citrate of Iron to each ounce. Dose, one to three drachms.



BEEF, IRON AND WINE.

Extract of Beef, (Liebeg's) four ounces.

Citrate of Iron, four ounces.

Tinc. of Orange Peel, U. S. P., two ounces and a half.

Water, twelve ounces.

Sherry Wine, q. s., to make one gallon.

Dissolve Citrate of Iron in the Water ; dissolve the Extract of Beef in the Sherry Wine, add the Tincture of Orange Peel, and mix the two solutions, allow it to stand twenty-four hours, frequently shaking, filter if necessary.

**HYPOPHOSPHATE OF LIME AND COD
LIVER OIL.**

Hypophosphate of Lime, ninety-six grains.

Lime Water, eight ounces.

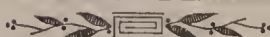
Powdered Gum Arabic, four ounces.

“ Sugar, four ounces.

Cod Liver Oil, eight ounces.

Otto of Bitter Almonds, two drops.

“ Lemon, four drops.



WINES AND LIQUORS.

COGNAC BRANDY.

Essence of Cognac Brandy, six ounces.
Glycerine, one pound.
Diluted Alcohol, forty gallons.

Another.

Diluted Alcohol, ten gallons.
Oil of Cognac, one drachm.
Tincture of Orris, one ounce.
Acetic Ether, two ounces.
Tincture of Vanilla, one ounce.
Caramel, q. s. to color.

GINGER BRANDY.

Extract of Ginger, eight ounces.
Brandy, five gallons.

PEACH BRANDY.

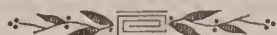
Mash eighteen pounds of Peaches with their stones, macerate them for twenty-four hours with four gallons and three-quarters of Alcohol and four gallons of Water, strain, press and filter, add five pints Simple Syrup ; color with Caramel.

Another.

Essence of Peach Brandy, twelve ounces.
Simple Syrup, one gallon.
Diluted Alcohol, forty gallons.

CINNAMON CORDIAL.—Cristiani's.

Oil of Ceylon Cinnamon, thirty-five drops.
Extract of Rose, half ounce.
Simple Syrup, one gallon.
Diluted Alcohol, two gallons.
Caramel, q. s. to color.



GINGER CORDIAL.

Extract of Jamaica Ginger, four ounces.
Simple Syrup, six pints.
Diluted Alcohol, gallon and a half.
Caramel, q. s. to color.

MINT CORDIAL.

Oil of Peppermint, one ounce.
Alcohol, gallon and a half.
Simple Syrup, gallon and a half.
Water, gallon and a half.

Color Light Green.

JAMAICA RUM.

Essence of Jamaica Rum, six ounces.
Jamaica Rum, (Genuine) one gallon.
Glycerine, one pound.
Alcohol, ten gallons.
Water, " "

HOLLAND GIN.

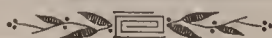
Oil of Juniper, fresh, one ounce.
Alcohol, five gallons.
Water, " "
Glycerine, half pint.

OLD TOM GIN.

Essence of Old Tom Gin, two ounces.
Alcohol, ten gallons.
Water, " "
Glycerine, half pound.

NEW ENGLAND RUM.

Essence of New England Rum, eight ounces.
Glycerine, one pound.
Alcohol, ten gallons.
Water, " "



BOURBON WHISKEY.

Alcohol, ten gallons.
Water, " "
Pure Bourbon Whiskey, five gallons.
Malt Whiskey, one quart.
Wine Vinegar, half pint.
Essence of Bourbon Whiskey, half ounce.

RYE WHISKEY.

Alcohol, ten gallons.
Water, " "
Pure Rye Whiskey, two gallons.
Simple Syrup, half pint.
Essence of Rye Whiskey, one ounce.

SCOTCH WHISKEY.

Alcohol, ten gallons.
Water, " "
Pure Scotch Whiskey, two gallons.
Essence " " one ounce.
Simple Syrup, half pint.

IRISH WHISKEY.

Alcohol, ten gallons.
Water, " "
Pure Scotch Whiskey, two gallons.
Essence of Irish " one ounce.
Glycerine, one pound.

RUM SHRUB.—Cristiani's.

Extract of Orange, one ounce.
" Lemon, " "
Citric Acid, one ounce.
Simple Syrup, one quart.
Jamaica Rum, two gallons and a half.
Caramel, q. s. to color.



ANGOSTURA BITTERS.

Ground Gentian Root, one ounce.
 Calisaya Bark, two ounces and a half.
 Canada Snake Root, two ounces and a half.
 Virginia " " " "
 Liquorice Root, " " " "
 Allspice, two ounces and a half.
 Angostura Bark, two ounces and a half.
 Cardamon Seeds, " "
 Rhubarb, one ounce.
 Galanga, " "
 Orange Peel, four ounces.
 Alkanet Root, four ounces.
 Caraway Seed, half ounce.
 Cassia, half ounce.
 Cloves, quarter ounce.
 Nutmegs, half "
 Coriander Seed, half ounce.
 Catechu, half ounce.
 Wormwood, half ounce.
 Mace, quarter ounce.
 Red Saunders, quarter pound.
 Curcuma, two ounces.
 Alcohol and Water, each six gallons.
 Honey, seven pounds.

Macerate three weeks and filter.

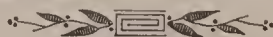
Another Formulæ.

Ground Angostura, two ounces.
 " Cascarilla, half ounce.
 " Orange Peel, half ounce.
 " Cinnamon, " "
 " Cardamon Seeds, quarter ounce.
 " Cloves, quarter ounce.
 " Nutmegs, " "
 " Coriander Seeds, quarter ounce.
 " Anise Seeds, half ounce.
 " Red Saunders, " "

Glycerine, two ounces.

Alcohol and Water, each one pint.

Macerate for two weeks.



APPLE BRANDY.

Essence of Apple Brandy, twelve ounces.
Simple Syrup, one gallon.
Alcohol, twenty gallons.
Water, " "

Another.

Diluted Alcohol, five gallons.
Glycerine, two ounces.
Tartaric Acid, one ounce.
Apple Essence, half ounce.
Simple Syrup, one pint.

CHERRY BRANDY.

Black Cherries, eight pounds.
Alcohol, two gallons and a half.

Mash the Cherries with their stones, and macerate in the Alcohol for two weeks, then add five pounds of Sugar, dissolved in one and three-quarter gallons of Water; filter.

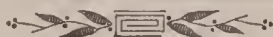
BLACKBERRY BRANDY.

Blackberry Juice, ten gallons.
Alcohol, twenty gallons.
Water, eleven gallons.
Oil of Cinnamon, one drachm.
" Cloves, " "
White Sugar, twelve pounds.

MACKAY'S BITTERS.

Rasped Quassia, ounce and a half.
Ground Calamus, " " "
Powdered Catechu, " " "
" Cardamon Seeds, one ounce.
Dried Orange Peel, Ground, two ounces.

Macerate for ten days in half gallon strong Whiskey, and add two gallons Water; color with Caramel to a deep brown. Dose, wine-glassful.



STOMACH BITTERS.

Gentian Root, ounce and a half.
 Orange Peel, two ounces and a half.
 Cinnamon, quarter ounce.
 Anise Seed, half ounce.
 Coriander Seed, half ounce.
 Cardamon " eighth ounce.
 Peruvian Bark, half ounce.
 Gum Kino, quarter "

Bruise all these articles and put them into one pint best Alcohol; let stand a week and pour off the clear Tincture. Then boil the dregs a few minutes in one quart of Water, strain and press out all the strength. Now dissolve one pound loaf sugar in the hot liquid, adding three quarts cold Water and mix with the Spirit Tincture. Dose, wine-glassful.

WINE BITTERS.

Bruised Gentian Root, eight ounces.
 " Orange Peel, four "
 " Cardamon Seeds, one ounce.
 " Grains of Paradise, " "
 " Cinnamon, one ounce.
 " Sp. Saffron, one ounce.
 " Cloves, one ounce.

Alcohol, two gallons.

Water, three "

Simple Syrup, gallon and a half.

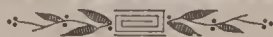
Macerate the Alcohol and ingredients for two or three weeks; filter and add the Syrup.

ANISE SEED CORDIAL.

Dissolve three drachms of Otto of Anise Seed in two gallons and three-quarters of Alcohol. Then add two gallons and a half of Simple Syrup and four gallons and three-quarters of Water. Stir and filter.

MARASCHINO.

Dissolve in a gallon and a half of Alcohol; an ounce and a half of Essence of Maraschino, drachm and a half of Extract of Rose, five drops of Extract of Cloves, eight drops of Extract of Cinnamon; add four ounces of Tincture of Orris Root. Mix the above with twelve gallons of Alcohol and twenty-six gallons Syrup of 30° Baum. Stir thoroughly and filter.



AROMATIC HERB BITTERS.

Lemon Peel, four ounces.
Orange " two "
Angelica Seed, half ounce.
Orris Root, " "
Anise Seed, " "
Cardamon Seed, half ounce.
Allspice, half ounce.
Cloves, " "
Cinnamon, half ounce.
Sage, half ounce.
Marjoram, half ounce.
German Chamomile, half ounce.
Caramel, to color, " "
Alcohol, gallon and a half.
Water, three gallons.
Simple Syrup, half gallon.

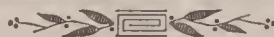
Let the whole macerate together for one month, then filter.

HAMLIN'S BLOOD PURIFIER.

Yellow Dock Root, four ounces.
Boneset, one ounce.
Wintergreen, two ounces.
Comfrey Root, one ounce.
Golden Seal half "
Solomans Seal, one "
Goldthread, half "
Elecampane Root, one ounce.
Sarsaparilla " four ounces.
Plantin Leaf, one ounce.
Dandelion Root, one ounce.

Steep in three quarts of Water in a porcelain kettle, then strain and steep the dregs in two quarts of Water, strain again and steep in two quarts of water, let stand over night. Then turn off and mix the three liquids and boil down to four quarts and add one pound white sugar, and boil for five minutes. Then strain and let stand until cold and add one quart good Whiskey.

This is one of the best Blood Purifiers ever made.



CURACO.

Slice the outside peel very thin from fifteen bitter Oranges ; infuse for fourteen days with one drachm bruised Cinnamon and half drachm bruised Mace in a gallon and a quarter of Alcohol, stirring every day. Then add six pounds white sugar dissolved in half gallon of Water. Color with Caramel, stir thoroughly and filter.

CURACO CORDIAL.

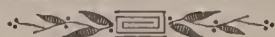
Bitter Orange Peel, one ounce.
Sweet " " half "
Cloves, fifteen grains.
Canella, " "
Brandy, eight ounces.
Diluted Alcohol, two pints.
Sugar, one pound.
Orange Flower Water, three ounces.

Mix the Orange Peel, Cloves and Canella and percolate with the diluted Alcohol and Brandy. Add the Orange Flower Water, then the Sugar and strain through canton flannel without pressure.

ABSINTHE.

Large Absinthe, three-fourths of a pound.
Small " one pound.
Long Fennel, pound and a quarter.
Star Anise, " " "
Green Anise Seed, pound and a quarter.
Coriander " three ounces.
Hyssop, half pound.

Moisten the whole with a little Water, allowing it time to soften and swell. Then add six gallons Alcohol and macerate for two or three days ; next add five gallons Water and let the whole macerate for one day more. The Water will reduce the Alcohol to about eleven gallons and a half of proof spirit. Distill it and it will produce nearly seven gallons and a half of Absinthe of 65 to 70 per cent. strength. Change the receiver as soon as the spirit as it comes from the worm, and begins to assume a reddish tinge. Color the distilled product by macerating in it for ten days a quarter of a pound Mint Leaves, two ounces Melissa Leaves, a quarter of a pound small Absinthe, one ounce Citron Peel, a quarter of a pound bruised Liquorice Root ; strain and filter.



ANISETTE.

To thirty gallons French proof Spirit add four ounces Essence of Star Anise, dissolve in Alcohol and 105 gallons Syrup of 10° Baumi, stir for half an hour, settle and filter.

KUMMEL.

Dissolve separately, each in a little Alcohol: Otto of Anise, half drachm, five drops each of Otto of Calamus, Bitter Almonds and Coriander. Dissolve also an ounce and a half of Otto of Caraway in sufficient Alcohol to make a clear solution. Incorporate these with forty gallons French proof Spirit, and add ten pounds of Sugar dissolved in five gallons of water.

NOTE.—Messrs. Fritzsche Brothers keep on hand at all times the purest Essences for making Liquors.

MINERAL WATERS.**CALSBAD WATER.**

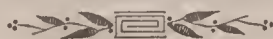
Muriate of Lime, eighty grains.
Tincture of Muriate of Iron, ten drops.
Sulphate of Soda, one ounce.
Carbonate “ “ “
Muriate “ eighty grains.
Carbonic Acid Gas Water, five gallons.

KISSINGEN WATER.

Common Table Salt, two ounces.
Bi-Carbonate of Soda, one drachm.
Sulphate of Soda, three drachms.
Phosphate “ five grains.
“ of Lime, thirty grains.
Muriate of Ammonia, three grains.
Carbonate of Magnesia, one drachm.
Sulphate “ “ four drachms.
Water, eight ounces.

Dissolve and add,

Carbonic Acid Gas Water, ten gallons.



SARATOGA WATER.

Common Table Salt, seven drachms.

Bi-Carbonate of Soda, drachm and a half.

Carbonate of Magnesia, three drachms and a half.

“ “ Iron, six grains.

Water, eight ounces.

Dissolve and add,

Carbonic Acid Gas Water, ten gallons.

PULLNA WATER.

Sulphate of Soda, four drachms.

“ Magnesia, one ounce.

Muriate of Lime, thirty grains.

“ Magnesia, forty grains.

“ Soda, one drachm.

Bi-Carbonate of Soda, one drachm.

Dissolve in eight ounces of Water, then add ten gallons Carbonic Acid Gas Water.

SEIDLITZ WATER.

Common Table Salt, six drachms.

Carbonate of Soda, two “

Sulphate “ four “

Chloride of Lime, ten grains.

Dissolve in eight ounces of Water, then add ten gallons Carbonic Acid Gas Water.

VICHY WATER.

Common Table Salt, six drachms.

Sulphate of Potassa, one drachm.

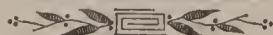
“ Soda, forty grains.

Phosphate of “ twenty grains.

Bi-Carbonate of Soda, two ounces.

Carbonate of Ammonia, ten grains.

Dissolve in eight ounces of Water, then add ten gallons Carbonic Acid Gas Water.



SPA WATER.

Common Table Salt, six drachms.

Bi-Carbonate of Soda, three drachms..

Sulphate of Magnesia, six “

“ Iron, ten grains.

• Dissolve in eight ounces of Water, then add ten gallons Carbonic Acid Gas Water.

MISCELLANEOUS FORMULÆ.**CONTINUED.****EYE BROW PENCILS.**

Suet, one pound.

Curd Soap, half pound.

Ivory Black, q. s.

This is rolled into spills about the size of a lead pencil and put into a metal case.

NAIL POWDER.

Pure Oxide of Tin, two ounces.

Carmine, q. s. to tint.

TOBACCO FLAVORING.

Powdered Tonka Beans, one ounce.

“ Liquorice Root, six ounces.

“ Sugar, one pound.

Water, one gallon.

FLAVOR FOR CIGARS.

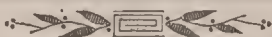
Powdered Tonka Beans, two ounces.

“ Cinnamon, one ounce.

“ Alum, ounce and a half.

“ Lovage, four ounces.

“ Water, one gallon.



SEGAR FLAVORS.

Otto of Lemon, one ounce.
" Cloves, half "
" Nutmegs, quarter ounce.
Tincture of Tonquin, one pint.

Another.

Otto of Calamus, quarter ounce.
" Cinnamon, " "
Tincture of Tonquin, one pint.

Another.

Tincture of Cascarilla, U. S. P., six ounces.
" Tonquin, four ounces.
" Tolu, two ounces.
" Orris Root, two ounces.
" Valerian, U. S. P., two ounces.
Otto of Nutmegs, half ounce.
" Cloves, quarter ounce.
" Rhodium, one drachm.
Alcohol, eight ounces.

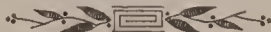
INDELIBLE INK.

Nitrate of Silver, one ounce.
Gum Arabic, three drachms.
Pyrogallic Acid, drachm and a half.
Indigo, half drachm.
Distilled Water, twelve ounces.

SUPERIOR BLACK INK.

Aleppo Nut Galls, three pounds.
Sulphate of Iron, one pound.
Gum Arabic, three-fourths of a pound.
Creosote, half drachm.
Water, q. s. to make three gallons.

First boil the Galls in a copper vessel for one hour with a gallon and a half of Water, strain and boil again with a gallon and a half of Water for half an hour, strain and mix the two liquids, and while hot add the Iron, Gum Arabic and Creosote.



CHEAP BLACK INK.

Bruised Nut Galls, one pound.
Logwood, half pound.
Sulphate of Iron, half pound.
Gum Arabic, half pound.
Water, six gallons.

Boil in the Water for two hours.

BLACK WRITING FLUID.

Logwood Chips, half pound.
Yellow Chromate of Potash, half drachm.
Boiling Water, five pints.

Digest the Logwood for twelve hours in the Water, then boil down to two quarts, when cold, add the Potash,

PURPLE INK.

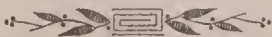
Campeachy Logwood, six pounds.
Verdigris, half pound.
Powdered Alum, seven pounds.
Gum Arabic, two pounds.
Water, q. s. to make nine gallons.

Infuse the Logwood in about six gallons of Water for two days strain and add Verdigris, Alum and Gum Arabic and add Water to make the whole measure nine gallons, let stand five days and it will be ready for use.

BLUE BLACK INK.

Aleppo Galls, twelve ounces.
Sulphate of Iron, three ounces.
Gum Senegal, two ounces.
Bruised Cloves, half ounce.
Sulphate of Indigo, one drachm.
Sugar, one ounce.
Water, one gallon.

Put the Galls and Cloves in the Water and stir frequently for three days, strain and press out all the liquid; then add the Sulphate of Iron, Gum Senegal and Sugar, stir frequently until all is dissolved, strain and add the Indigo.



COPYING INK.

Rain Water, two gallons.
Gum Arabin, four ounces.
Sugar, four ounces.
Sulphate of Iron, four ounces.
Powdered Nut Galls, twelve ounces.

Mix and macerate for ten days, shaking occasionally.

GREEN INK.

Acetate of Copper, eight ounces.
Cream of Tartar, four ounces.
Water, four pints.

Boil until reduced to two pints.

VIOLET INK.

Violet Aniline, one ounce.
Alcohol, twelve ounces.
Water, seven pints.
Gum Arabic, four ounces.

Let the Aniline stand in the Alcohol for six hours, then add the Water and subject the whole to a gentle heat until the Alcohol has evaporated, or until no odor of the Alcohol is perceptible, then add the Gum Arabic.

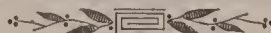
RED INK.

Pure Carmine, No. 40, one drachm.
Aqua Ammonia, ten drachms.
Powdered Gum Arabic, one drachm.
Water, ten ounces.

DEPILATORY LIQUID.—Cristiani's.

Sulphuret of Barium, three ounces.
Water, twelve ounces.

A little powdered starch is wetted with this solution and immediately applied, and when dry it can be removed and takes the hair with it.



DEPILATORY POWDER.—Piesse.

Best Lime Slacked, three pounds.

Orpiment, in Powder, half pound.

Mix the material by means of a drum sieve. Preserve the same for sale in well-corked or stoppered bottles.

DIRECTIONS FOR THE ABOVE.—Mix the powder with enough water to render it of a creamy consistence; lay it upon the hair for about five minutes or until its caustic action upon the skin renders it necessary to be removed. A similar process to shaving is then gone through, but instead of using a razor, operate with an ivory or bone paper knife. Then wash the part with plenty of water and apply a little Cold Cream.

GLYCERINE LOTION.

Glycerine, one ounce.

Rose Water, six ounces.

WARREN'S GLYCERINE LOTION.

Glycerine, two ounces.

Orange Flower Water, four ounces.

Water, four ounces.

Powdered Borax, one drachm.

COLD CREAM.—Cristiani's.

Benne Oil, twelve ounces.

Rose Water, eight “

Spermaceti, four “

White Wax, two “

Otto of Rose, twenty drops.

Melt the White Wax and Spermaceti with the Oil in a porcelain vessel, which should not be too shallow; when melted place the Rose Water where it can run very slowly into the paste; keep stirring until it is thoroughly mixed, when add the Otto of Rose, then put in porcelain jars for sale. When well made it will keep for a long time.

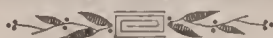
OINTMENT FOR BARBERS' ITCH.

Spermaceti Ointment, two ounces.

Lac Sulphur, two drachms.

Vermillion, one drachm.

Rose Water, half ounce.



CAMPBOR ICE.

Mutton Suet, one pound.
Spermaceti, three-fourths of a pound.
White Wax, " " "
Powdered Gum Camphor, two drachms.

Melt the Suet, Spermaceti and Wax together, then add the Camphor and stir until ready to set, when pour into moulds made of block tin.

Another.

Spermaceti, four ounces.
White Wax, " "
Oil of Sweet Almonds, eight ounces.

Melt by gentle heat and add two ounces Powdered Camphor.

GLYCERINE CREAM.

White Wax, one ounce.
Spermaceti, " "
Glycerine, three "
Otto of Rose, five drops.

Melt the Wax and Spermaceti, add the Glycerine and Otto of Rose; stir constantly until cool.

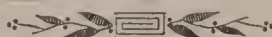
BLONDE HAIR DYE.

Water, ten ounces.
Acetate of Iron, one ounce.
Nitrate of Silver, " "
" Bismuth, two ounces.

Mix. Moisten the hair with this mixture and after an hour touch with a mixture of equal parts of Sulphide of Potassium and distilled water.

BLONDE LIQUID FOR BLEACHING THE HAIR.

Muriatic Acid, half ounce.
Aqua Ammonia, half ounce.
Rose Water, half pint.
Water, half pint.



CURLING FLUID.

Gum Arabic, one ounce.
Sugar, half ounce.
Chloride Ammonium, six grains.
Alcohol, two ounces.
Water, fourteen ounces.

Make a solution, reserving the Alcohol to be added when the Gum, Sugar and Ammonium have been dissolved. The hair is moistened with this liquid and then loosely adjusted. The intended effect occurs as it dries.

ITCH OINTMENT.

Spermaceti Ointment, two ounces.
Oil of Sweet Almonds, half ounce.
Lac Sulphur, half ounce.
Common Salt, one drachm.
Otto of Lemon, ten drops.
“ Bitter Almonds, ten drops.
“ Neroli, ten drops.

FLY PAPER.

Cobalt, one ounce.
Black Pepper, one ounce.
Brown Sugar, “ “

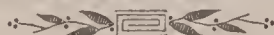
Make a paste with water and saturate coarse paper.

Another.

Rosin, one pound.
Linseed Oil, half pound.
Spread on paper.

EYE SALVE.

Citrine Ointment, one drachm.
Spermaceti, two ounces.
Used for all diseases of the Eye Lids.



EYE WATER.

Acetate of Zinc, five grains.
Camphor Water, two ounces.
Rose Water, eight ounces.

LIQUID BLACKING FOR SHOES.

Ivory Black, ten pounds.
Cod Liver Oil, pint and a half.
Oil of Vitriol, two pounds.
Powdered Gum Senegal, three ounces and a half.
Molasses, seven pints.
Vinegar, three gallons.

Grind the Ivory Black, Gum and Oil with a portion of the Vinegar, add the Molasses, and pour in very slowly the Oil of Vitriol while stirring, and when combined add the balance of the Vinegar.

LOTION FOR SCURF ON INFANTS' HEADS.

Borax, quarter ounce.
Glycerine, half ounce.
Rose Water, three ounces.

Applied once a day it will soften the Scurf and it will come off, and also prevent its forming again.

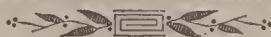
INDIA RUBBER VARNISH FOR CATHETERS

Caoutchouc, eight ounces.
Amber, four ounces.
Boiled Linseed Oil, twelve ounces.
Spirits of Turpentine, four ounces.

The India Rubber is cut into small pieces and dissolved in the hot oil, adding the Amber and Turpentine while cooling.

LOTION FOR CHAPPED HANDS.

Borax, half ounce.
Glycerine, one ounce.
Honey, one ounce.
Rose Water, eight ounces.



CEMENT FOR CHINA, GLASS, Etc.

Isinglass, finest, two ounces.

Gum Ammoniac, half ounce.

“ Mastic, one ounce.

Alcohol, one ounce.

Let the Isinglass swell in eight ounces of water for about six hours, pour off the water, when apply heat to dissolve it. Rub up the Gum Ammoniac with the dissolved Isinglass until mixed, then strain. Dissolve the Gum Mastic in the Alcohol by aid of heat, strain and mix the two liquids. To be kept in well corked bottles. When wanted for use warm the bottle of cement in hot water and let the articles to be mended also warmed.

BLACKING FOR SHOES.—Paste.

Ivory Black, six pounds and a quarter.

Molasses, half gallon.

Oil of Vitriol, one pound.

Cod Liver Oil, one gallon.

Vinegar, gallon and a half.

Powdered Gum Arabic, two ounces.

Let all the ingredients be mixed together except the Oil of Vitriol and made into a paste, when the Vitriol is slowly stirred in and let it be stirred every day for a week before using and boxing, to insure a perfect combination.

SHAMPOO.

Carbonate of Ammonia, one drachm.

Powdered Borax, two drachms.

Water, seven ounces and a half.

Glycerine, three drachms and a half.

New England Rum, fifteen ounces.

Bay Rum, sixteen ounces and a half.

CLOVE CLEANER.

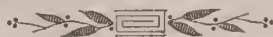
Gum Tragacanth, quarter ounce.

Castile Soap, one ounce.

Water, one pint.

Tincture of Musk, ten drops.

Dissolve the Soap in the water, put the Gum in, and when swelled, stir well to mix ; then add the Musk.



FRECKLE LOTION.

Muriate of Ammonia, one drachm.
Glycerine, one ounce.
Orange Flower, one pint.

COUGH SYRUP.

Wine of Ipecac, one ounce.
" Antimony, one ounce.
Syrup of Wild Cherry, fourteen ounces.
Acetate of Morphia, twelve grains.
Dose, from one-half to one tea-spoonful.

RED COUGH DROPS.

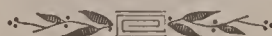
Tincture of Bloodroot, nine ounces.
Wine of Ipecac, nine ounces.
" Antimony, nine ounces.
Simple Syrup, forty-eight ounces.
Color with Alkanet Root.

TOOTH-ACHE REMEDY.

Tincture of Aconite Root, one ounce.
" Opium, one ounce.
Chloroform, one ounce.
Sol. Carbolic Acid, one ounce.
Oil of Cloves, half ounce.
Alcohol, ounce and a half.

CONDITION POWDERS.

Powdered Rosin, ten pounds.
" African Ginger, ten pounds.
" Foenugreek, " "
Sulphate of Magnesia, twenty "
Ground Flax Seed, " "
Nitrate of Potassa, " "
Crude Antimony, five pounds.
Sulphate of Iron, " "
Ground Gentian, two pounds and a half.



TO REMOVE GREASE FROM CLOTHING.

Soap Bark, two ounces.

Hot Water, one pint.

Steep for half an hour, strain and it is ready for use.

Rub the spot with a small sponge wet with the mixture, and dry with a towel.

CHILBLAIN LINIMENT.

Tincture of Cantharides, three drachms.

Soap Liniment, nine ounces.

No. 1., TETTER OINTMENT.

Citrine Ointment, two drachms.

Spermaceti Ointment, two ounces.

Carbolic Acid, five grains.

Balsam of Peru, half drachm.

Otto of Lemon, ten drops.

No. 2., TETTER OINTMENT.

Castor Oil, four ounces.

White Wax, seven drachms.

Bichloride of Mercury, twelve grains.

Ammoniate " two drachms.

Otto of Bergamot, twelve drops.

Melt the White Wax in the Castor Oil and add the other ingredients while warm.

SPAVIN OINTMENT.

Euphorbium, five drachms.

Powdered Cantharides, two drachms.

Red Oxide of Mercury, half drachm.

Iodine, one drachm.

Bichloride of Mercury, one drachm.

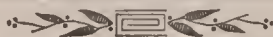
Mercury Ointment, one drachm.

Lard, one ounce.

Venice Turpentine, three-fourths of an ounce.

Verdigris, three-fourths of a drachm.

A great remedy.



CHINESE CEMENT.

Orange Shellac, four ounces.

Alcohol, four ounces.

Set the mixture in a warm place, frequently shaking it till the shellac is dissolved.

TRUE'S GREAT LINIMENT.

Tincture of Camphor, six ounces.

Chloroform, two ounces.

Tincture of Opium, one ounce.

RHEUMATIC REMEDY.

Iodidi Potass, one pound.

Bicarb. " half "

Wine of Colchicum Root, eight ounces.

Tincture of Gentian Comp., two gallons.

Extract of Wintergreen, five ounces.

This is a truly great remedy. I can safely recommend it.

FISHER'S COUGH DROPS.

Syrup of Squills, four ounces.

" Tolu, eight ounces.

Paregoric, two ounces.

Wine of Antimony, half ounce.

Mucilage Gum Arabic, four ounces.

Acetic Acid, q. s. to make a little tart.

HEALING SALVE.

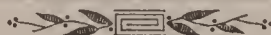
Olive Oil, one pint.

Resin, half ounce.

Bees Wax, half ounce.

Venice Turpentine, quarter ounce.

Melt, raising the oil nearly to the boiling point, then gradually add two ounces Red Lead while on the fire. Do not burn it ; boil slowly till it becomes a dark brown, remove from the fire and add one drachm Powdered Camphor.



STOKES' LINIMENT.

Oil of Turpentine, three ounces.
Acetic Acid, half ounce.
Yolk of an Egg.
Rose Water, three ounces.
Otto of Lemon, one drachm.

RHEUMATIC LINIMENT.

Aqua Ammonia, two ounces and a half.
Tincture of Opium, half ounce.
" Capsicum, half ounce.
Chloroform, one ounce.
Tincture of Arnica, half ounce.
Olive Oil, one ounce.

The above is a splendid Liniment and is put up and sold with great success.

GINGER ALE.

Extract of Jamaica Ginger, pint and a half.
Simple Syrup, two gallons.
Carbonate Acid Gas Water, twelve gallons.

TABLE ALE.

Ground Barley, eight quarts.
Boiling Water, six gallons.

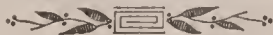
Stir well together and let it stand one hour and a half, draw off as much liquor as possible, repeat the same operation with three gallons of water, then repeat with three gallons more of water. Mix the twelve gallons of liquor and boil with two ounces of Hops. Clarify the whole with the white of an egg; filter as quickly as possible, stir in eight ounces of yeast and allow it to ferment.

LEMON ACID.

Tartaric Acid, one pound.
Bitart. Potass, four ounces.
Otto of Lemon, drachm and a half.

Rub the Otto in the Potass, then add the Tartaric Acid.

A substitute for Lemon Juice, or can be used for removing iron rust.



GOLD COLORED BRONZE POWDER.

Verdigris, eight ounces.

Tutty Powder, four ounces.

Borax, two ounces.

Nitrate of Potass, two ounces.

Bichloride of Mercury, two drachms.

Make into a paste with oil and fuse them together.

SILVER BRONZE POWDER.

Bismuth, one ounce.

Tin, one ounce.

Quicksilver, one ounce.

Melt the Bismuth and Tin and add the Silver, cool and powder.

COLOGNE OIL.

Otto of Bergamot, eight ounces.

“ Lavender Flowers, four ounces.

“ Rosemary, one ounce.

“ Lemon, four ounces.

“ Neroli Petale, one ounce.

“ Petit Grain, “ “

Alcohol, twelve ounces.

Six ounces of this oil added to one gallon Alcohol makes an excellent cologne.

BAKING POWDER.

Bicarbonate of Soda, ten pounds.

Tartaric Acid, five pounds.

Best Powdered Starch, twenty pounds.

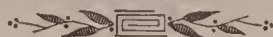
Another.

Bicarbonate of Soda, three pounds.

Powdered Burnt Alum, two “

Tartaric Acid, one pound.

Best Powdered Starch, four pounds.



LIQUID GLUE.

Best White Glue, one pound.
White Lead, dry, four ounces.
Water, two pints.
Alcohol, four ounces.

With constant stirring dissolve the Glue and Lead in the water by means of a water-bath, add the Alcohol and continue the heat for a few minutes.

RED SEALING WAX.

Gum Shellac, one pound.
Venice Turpentine, three-fourths of a pound.
Vermillion, six pounds.
Rosin, pound and a half.

Melt together by gentle heat and turn into moulds.

BLACK SEALING WAX.

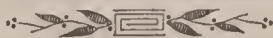
Gum Shellac, three pounds.
Powdered Ivory Black, pound and a half.
Venice Turpentine, one pound.

BLUE SEALING WAX.

Mastic, four ounces.
Gum Shellac, four ounces.
Venice Turpentine, two ounces.
Rosin, one ounces.
Powdered Indigo, half ounce.

GREEN SEALING WAX.

Gum Shellac, two ounces.
Venice Turpentine, three drachms.
Rosin, two drachms.
Verdigris, two drachms.
Powdered Indigo, one drachm.



AROMATIC VINEGAR.

Glacial Acetic Acid, eight ounces.
Alcohol, two pints.
Gum Camphor, two drachms.
Otto of Cloves, one drachm.
" Cedrat, one ounce.
" Bergamot, one ounce.
" Lemon, half ounce.
Tincture of Musk, two ounces.
Rose Water, one pint.

**MADAME ANNETTE'S CELEBRATED FACE
POWDER.**

Powdered Talc, finest, one pound.
" Starch, " " "
Carbonate of Magnesia, " "
Otto of Neroli Petale, one drachm.
" Sandal, half drachm.
" Rose, " "

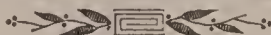
LADIES' SHOE BLACKING.

Extract of Logwood, two ounces.
Bichromate Potass, two drachms.
Yellow Prussiate Potassa, two drachms.
Powdered Borax, three ounces.
Aqua Ammonia, two ounces.
Gum Shellac, one pound.
Water, one gallon.

Dissolve the Logwood in the water, heating the liquid to nearly boiling, then add the Potassa. After a deep, rich blue color has developed add the Borax, and when dissolved add the Shellac and lastly the Ammonia.

COMPOSITION POWDER.

Powdered Bayberry Root Bark, pound and a half.
" Jamaica Ginger, three-fourths of a pound
" Capsicum, ounce and a half.
" Cloves, ounce and a half.



SHAVING WASH.

Alcohol, four ounces,
Water, one pint.
Rose Water, eight ounces.
Glycerine, four ounces.
Borax, one ounce.

COUGH TROCHES.

Powdered Extract of Liquorice, eight ounces.
" Sugar, twelve ounces.
" Cubebs, two ounces.
" Gum Arabic, two ounces.
Extract of Conium, half ounce.
Mix and with water; make into the proper size.

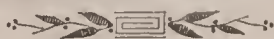
PEPSINE LOZENGES.

Pure Pepsine, two drachms.
Muriatic Acid, twenty-two grains.
Distilled Water, eight grains.
Glycerine, three-fourths of a drachm.
Powdered Tragacanth, one "
" Red Saunders, four grains.

WORCESTERSHIRE SAUCE.

Vinegar, one quart.
Powdered Pimento, two drachms.
" Cloves, one drachm.
" Black Pepper, one drachm.
" Mustard two ounces.
" Jamaica Ginger, one drachm.
Table Salt, two ounces.
Shallots, " "
Sugar, eight ounces.
Tamarinds, four ounces.
Sherry Wine, one pint.
Curry Powder, one ounce.
Capsicum, one drachm.

Mix all the ingredients together, simmer them for an hour and strain.



SHAVING PASTE.

White Soft Soap, four ounces.
Finest Honey Soap, two ounces.
" Olive Oil, one ounce.
Water, one ounce.
Carbonate of Soda, one drachm.
Otto of Bergamot, half "
Alcohol, one ounce.

Melt together and form a paste.

RED LACQUER.

Alcohol, one gallon.
Dragon's Blood, half pound.
Annatto, pound and a half.
Gum Sandarac, two pounds.
Spirits of Turpentine, one pint.

Macerate for ten days ; then filter.

BLACK STENCIL PASTE.

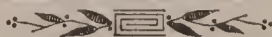
Bone Black, one pound.
Molasses, eight ounces.
Sulphuric Acid, four ounces.
Dextrine, two ounces.
Water, q. s.

Mix the Acid with two ounces of water, and add it to the other ingredients previously mixed together ; when the effervescence has subsided add enough water to form a paste.

GREASE ERADICATOR.

Castile Soap, in shavings, four ounces.
Carbonate of Soda, two ounces.
Borax, one ounce.
Aqua Ammonia, seven ounces.
Alcohol, three ounces.
Sulphuric Ether, three ounces.
Soft Water, q. s. to make one gallon.

Boil the Soap in the water until dissolved, then add the other ingredients.



ENGLISH COLD CREAM.

White Wax, nine drachms.
Spermaceti, " "
Oil of Sweet Almonds, twelve ounces.
Water, seven ounces.
Precipitated Chalk, one ounce.
Otto of Rose, twenty drops.
Chloroform, twelve drops.

Mix the Wax, Spermaceti, water and Chalk together with half the oil, melt by water-bath, stir in the balance of the oil and continue until cold, when add the Rose and Chloroform.

MOCKING BIRD FOOD.

Dried Ox-heart, one pound.
Poppy Seed Cake, one pound.
Bread, dried in the oven, one pound.
Dried Ants' Eggs, one pound.
Hemp Seed, half pound.
Corn Meal, " "
Lard, half pound.

Grind the whole to a coarse powder, and mix with the Lard previously melted.

HAMLIN'S CHOLERA MIXTURE.

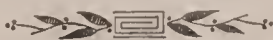
Tincture of Opium, U. S. P., one ounce.
" Ginger, " " "
" Cardamon, " " "
" Capsicum, one ounce.

Dose, thirty to forty drops.

VASELINE CAMPHOR ICE.

Vaseline, two ounces.
Spermaceti, four ounces.
White Wax, one ounce.
Powdered Camphor, two drachms.
Otto of Rose, ten drops.

Melt together and stir until cold.



PAIN RELIEF.

Oil of Origanum, one ounce.

“ Hemlock, “ “

“ Cedar, six ounces.

“ Sassafras, six ounces.

“ Cajeput, one ounce.

Alcohol, four pints.

Tincture of Capsicum, two ounces.

Chloroform, four ounces.

LAXATIVE FRUIT LOZENGES.

Aqueous Extract of Senna, five ounces.

Pulp of Purgine Cassia, two ounces and a half.

“ Tamarinds, five drachms.

Spanish Extract of Liquorice, four drachms.

Resin Scammony, four drachms.

Sugar, six ounces.

Tartaric Acid, four ounces.

The Extract of Senna should first be deprived of its Resin.

Make into large oval lozenges of eighty grains each, which are dipped into melted Chocolate and afterwards covered with pure white Sugar.

MENTHOL PENCILS.—Finest Quality.

Menthol Crystals, eight ounces.

Melt and mould into proper shape by means of brass moulds, then put in wood cases by simply heating one end of the cone over a small flame as sealing wax is heated and quickly placing in the recess.

Another.

Menthol Crystals, eight ounces.

Paraffine, eight ounces.

Proceed as in the first formula.

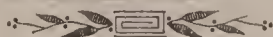
LA RUES' TOOTH WASH.

Tincture of Myrrh, U. S. P., one ounce.

Glycerine, half ounce.

Rose Water, eight ounces.

Alcohol, four ounces.



COD LIVER OIL JELLY.

Finest Cod Liver Oil, ten ounces.

“ Isinglass, half ounce.

Powdered Sugar, three ounces.

Otto of Bitter Almonds, eight drops.

“ Allspice, eight drops.

“ Cinnamon, True, four drops.

Water, two ounces.

Having placed the Cod Liver Oil, Isinglass and water in a suitable vessel over a water-bath, apply sufficient heat to melt the Isinglass, then add the Sugar with the Ottos mixed, and remove from the fire and stir as it cools and thickens.

SILVERING LIQUID.

Nitrate of Silver, one ounce.

Cyanide of Potassa, two ounces.

Prepared Chalk, half pound.

Water, two pints.

Dissolve the Silver and Potass in the water, then add the Chalk.

MYRRH AND BORAX MOUTH WASH.

Powdered Borax, one ounce.

“ Gum Myrrh, one ounce.

Red Saunders, quarter ounce.

Glycerine, one ounce.

Water, one pint.

Alcohol, one pint.

Macerate for two weeks.

LIQUID BLUING.

Soluble Prussia Blue, four pounds.

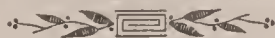
Water, twenty-five gallons.

COPAL VARNISH.

Copal, two ounces.

Gum Shellac, one ounce.

Alcohol, one quart.



GOOD PASTE.

Wheat Flour, one pound.
Powdered Alum, half ounce.
" Rosin, two drachms.
" Gum Arabic, two ounces.
Cold Water, q. s.

First mix thoroughly the Flour, Alum, Rosin and Gum Arabic, then beat with sufficient cold water to form a stiff batter, be sure the lumps are all out; then add one quart hot water and place over the fire and let cook; thin with more water. This paste is highly recommended for tin or glass.

MRS. LA RUES' ALL-HEALING SALVE.

Lard, one pound.
White Lead, two ounces.
Red " " "
Bees Wax, four "
Rosin, two ounces.
Spirit of Turpentine, four ounces.

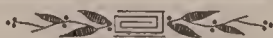
Melt together, adding the Turpentine after all is melted,

LIQUID PUNGENT.

Ammoniated Alcohol, eight ounces.
Otto of Lavender, half drachm.
" Bergamot, one "
" Cloves, ten drops.
" Lemon, half drachm.
" Rosemary, ten drops.

Another.

Ammoniated Alcohol, one pint.
Otto of Sweet Orange, one drachm.
" Lavender Flowers, one drachm.
" Bergamot, one drachm.
" Cloves, ten drops.
" Nutmegs, ten drops.



FURNITURE POLISH.

Gum Shellac, four ounces.
Alcohol, two pints.
Boiled Linseed Oil, two pints.
Spirits of Turpentine, eight ounces.

WORM LOZENGES.

Calomel, one drachm.
Powdered Sugar, pound and three-quarters.
Santonin, six drachms.
Mix well and make into 360 lozenges.

BLACK SALVE.

Olive Oil, one pint.
Rosin, three-fourths of an ounce.
Bees Wax, half ounce.
Venice Turpentine, quarter ounce.
Powdered Red Lead, two ounces.

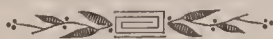
Melt the Rosin and Bees Wax in the Oil, and gradually add the Lead.

MUCILAGE.

Glue, five ounces.
Gum Arabic, three ounces.
Sugar, eight ounces.
Water, twenty-four ounces.
Otto of Cloves, five drops.

Another.

Gum Arabic, four ounces.
Sugar, one ounce.
Acetic Acid, two ounces.
Water, twelve ounces.
Otto of Cloves, five drops.



**MUCILAGE FOR USING ON GLASS, TIN, or
any Polished Surface.**

Gum Arabic, four ounces.
Sugar, one ounce.
Acetic Acid, one ounce.
Water, six ounces.
Glycerine, one drachm.

ACUE PILLS.

Sulphate of Quinine, twenty grains.
Dover's Powder, ten grains.
Sub. Carbonate of Iron, ten grains.

Mix and form into twenty pills. Dose, two each hour, commencing five hours before the chill should set in. Then take one pill night and morning until all are taken.

BLACK VARNISH.

Gum Shellac, three ounces.
Rosin, one ounce.
White Turpentine, half ounce.
Lamp Black, half ounce.
Alcohol, eight ounces.

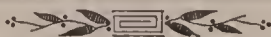
LA RUES' TONIC BITTERS.

Ground Gentian, four ounces.
" Calamus, two "
" Orange Peel, two ounces.
" Coriander Seed, one ounce.
" Chamomile, one ounce.
Sherry Wine, two pints.
Water, four pints.
Alcohol, one pint.

NUTRITIVE OINTMENT.

White Wax, three drachms.
Litharge, one ounce.
Acetic Acid, half ounce.
Olive Oil, two ounces and a half.

Dissolve the Litharge in the Acetic Acid and add to the other ingredients previously melted.



CHEAP EXTRACTS.

Costing from 75 cents to \$1.25 per gallon. These Extracts are of very little account, as they have no lasting qualities and little fragrance, but are similar to what many perfumers put up as cheap goods and sold in fancy bottles with showy labels or scrap pictures on the bottles, and to properly designate them, I will term them as Extracts No. 5.

EXTRACT OF CLOVE PINK, No. 5.

Otto of Rose Geranium, two drachms.

“ “ quarter drachm.

“ Rhodium, one drachm.

“ Cloves, quarter “

Alcohol, one quart.

Water, three quarts.

Carbonate of Magnesia, two ounces.

Picric Acid, three grains.

Make the same as Cheap Colognes. The Picric Acid is only to produce the color and should be rubbed with the Magnesia and Ottos. Picric Acid will be found useful to color Colognes Nos. 1 and 2, but only a few grains should be used to a gallon. Two drachms is sufficient to color a barrel.

ESS. OF BOUQUET, No. 5.

Otto of Bergamot, one ounce.

“ Rose Geranium, one drachm.

“ Neroli, quarter drachm.

Alcohol, one quart.

Water, three quarts.

Carbonate of Magnesia, two ounces.

Picric Acid, two grains.

EXTRACT OF LILY OF THE VALLEY, No. 5.

Otto of Linaloe, two drachms.

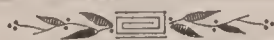
“ Ylang Ylang, half drachm.

Alcohol, one quart.

Water, three quarts.

Carbonate of Magnesia, one ounce.

Picric Acid, one grain.



EXTRACT OF HELIOTROPE, No. 5.

Tincture of Vanillin, four ounces.
Otto of Rhodium, one drachm.
" Bitter Almonds, fifteen drops.
Alcohol, one quart.
Water, three quarts.
Carbonate of Magnesia, one ounce.
Caramel, q. s. to color.

Rub the Ottos with the Magnesia and mix the Vanillin with the Alcohol and water; filter through the Magnesia.

EXTRACT OF FRANGIPANNI, No. 5.

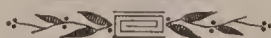
Tincture of Vertivert, one ounce.
Otto of Bergamot, " "
" Rose Geranium, one drachm.
" Petit Grain, half drachm.
Alcohol, one quart.
Water, three quarts.
Carbonate of Magnesia, four ounces.
Picric Acid, one grain.

JOCKEY CLUB, No. 5.

Otto of Bergamot, one ounce.
" Lemon, quarter ounce.
" Rose Geranium, one drachm.
" Neroli Petale, quarter "
Alcohol, one quart.
Water, three quarts.
Carbonate of Magnesia, three ounces.
Picric Acid, three grains.

EXTRACT OF MOSS ROSE, No. 5.

Otto of Sandal, half drachm.
" Rose, " "
Alcohol, one quart.
Water, three quarts.
Carbonate of Magnesia, half ounce.
Picric Acid, three grains.



EXTRACT OF PATCHOULY, No. 5.

Otto of Patchouly, one drachm.

“ Rose Geranium, half drachm.

Alcohol, one quart.

Water, three quarts.

Carbonate of Magnesia, one ounce.

Picric Acid, one grain.

EXTRACT OF MUSK, No. 5.

Tincture of Musk, four ounces.

Alcohol, one quart.

Water, three quarts.

Caramel, q. s. to color.

EXTRACT OF NEW MOWN HAY, No. 5.

Tincture of Cumarin, four ounces.

Otto of Rose Geranium, one drachm.

“ “ half drachm.

Alcohol, one quart.

Water, three quarts.

Carbonate of Magnesia, four ounces.

Picric Acid, two grains.

EXTRACT OF ROSE GERANIUM, No. 5.

Otto of Rose Geranium, one ounce.

Alcohol, one quart.

Water, three quarts.

Carbonate of Magnesia, four ounces.

Picric Acid, one grain.

EXTRACT OF VERBENA, No. 5.

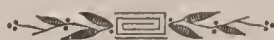
Otto of Lemon Grass, one ounce.

Alcohol, one quart.

Water, three quarts.

Carbonate of Magnesia, three ounces.

Picric Acid, two grains.



WEST END, No. 5.

Otto of Bergamot, two drachms.
" Rose, half drachm.
" Petit Grain, quarter drachm.
Alcohol, one quart.
Water, three quarts.
Carbonate of Magnesia, one ounce.
Picric Acid, one grain.

EXTRACT OF WHITE ROSE, No. 5.

Otto of Rose, half drachm.
" Patchouly, quarter drachm.
" Rose Geranium, half drachm.
Alcohol, one quart.
Water, three quarts.
Carbonate of Magnesia, one ounce.
Picric Acid, one grain.

EXTRACT OF YLANG YLANG, No. 5.

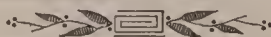
Otto of Ylang Ylang, three-fourths of a drachm.
" Rose Geranium, quarter drachm.
Alcohol, one quart.
Water, three quarts.
Carbonate of Magnesia, half ounce.
Picric Acid, three grains.

CHEAP EXTRACT OF VANILLA.

Vanilla Beans, four ounces.
Tonka " " "
Alcohol, one quart.
Water, three quarts.
Sugar, two pounds.
Caramel, q. s. to color.

CHEAP EXTRACT OF LEMON.

Oil of Lemon, four ounces.
Alcohol, three quarts.
Water, one quart.
Lemon Peel, two ounces.



BOUQUETS.

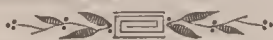
Costing from \$5.00 to \$7.00 per gallon and are very fine. These Bouquets are very nice for the druggist to put up in one ounce glass stoppered bottles with nice label, under his own name, to sell for twenty-five cents per bottle.

LOVER'S BOUQUET.

Tincture of Vanillin, four ounces.
 " Heliotropin, four ounces.
 " Musk, four ounces.
 " Civit, " "
 Otto of Rose, two drachms.
 " Petit Grain, half drachm.
 " Ylang Ylang, half drachm.
 Extract of Jasmin, from Pomade, two pints.
 " Cassie, " " one pints.
 " Tube Rose, from Pomade, two pints.
 Alcohol, one gallon.
 Rose Water, one pint.

LITTLE LOTTA BOUQUET.

Otto of Ylang Ylang, one drachm.
 " Bergamot, one ounce.
 " Lemon, half ounce.
 " Rose, two drachms.
 " Linaloe, one drachm.
 Tincture of Musk, four ounces.
 " Civit, " "
 " Tonquin, one pint.
 " Vanilla, half "
 Extract of Orange Flower, from Pomade, one pint.
 " Cassie, from Pomade, one pint.
 " Rose, " " two pints.
 " Jasmin, " " three pints.
 Alcohol, one gallon.
 Rose Water, one pint.



BOUQUET OF FLOWERS.

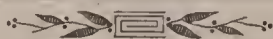
Extract of Cassie, from Pomade, two pints.
 " Orange Flower, from Pomade, one pint.
 " Violet, from Pomade, one pint.
 " Rose, " " two pints.
 " Jasmin, " " " "
 Otto of Bergamot, one ounce.
 Tincture of Orris, one pint.
 " Civit, six ounces.
 Alcohol, gallon and a half.

FORREST BOUQUET.

Tincture of Tonquin, two pints.
 " Civit, four ounces.
 " Musk, " "
 Extract of Cassie, from Pomade, one pint.
 " Rose, " " two pints.
 " Orange Flower, from Pomade, one pint.
 " Jasmin, from Pomade, two pints.
 Otto of Bergamot, one ounce.
 " Neroli, one drachm.
 Alcohol, one gallon.

OUR DARLING BOUQUET.

Otto of Rose, three drachms.
 " Sweet Orange, four drachms.
 " Bergamot, one ounce.
 Tincture of Civit, four ounces.
 " Musk, " "
 " Orris, one pint.
 Extract of Jasmine, from Pomade, four pints.
 " Cassie, " " one pint.
 " Tube Rose, from Pomade, two pints.
 " Orange Flower, from Pomade, one pint.
 Alcohol, gallon and a half.
 Rose Water, one pint.



"SWEET VIOLETS."

Tincture of Heliotropin, four ounces.
" Musk, two ounces.
" Ambergris, two ounces.
Extract of Cassie, from Pomade, two pints.
" Violet, " " " "
Otto of Rose, one drachm.
Alcohol, one gallon.
Rose Water, half pint.

FRENCH BAY RUM.

Oil of Bay, two drachms.
" Pimento, half drachm.
" Cloves, ten drops.
" Nutmeg, twenty drops.
Tincture of Cardamon, U. S. P., one ounce.
Acetic Ether, two ounces.
Glycerine, two ounces.
Alcohol, half gallon.
Water, " "

BAY RUM HAIR OIL.

Best Pea Nut or Cotton Seed Oil, one gallon.
Oil of Bay, two drachms.

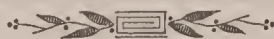
COCOANUT HAIR OIL.

Cocoanut Oil, four pints.
Castor Oil, one pint.
Otto of Bergamot, one ounce.
" Rose Geranium, quarter ounce.

CARAMEL.

Lump Sugar, eight pounds.
Water, pint and a quarter.

Boil in a five gallon copper kettle, stirring occasionally until it gets brown, then reduce the fire and let the Sugar burn until the smoke makes the eyes water, then pour on it by degrees two quarts warm water stirring all the time. Strain through flannel.



TO COLOR CHEAP PERFUMERY GREEN.

Green Aniline, one ounce.

Alcohol, one pint.

Water, two pints.

Only a few drops is needed to color one gallon.

TO COLOR CHEAP HAIR OILS RED.

Ground Alkanet Root, quarter pound.

Hair Oil, one gallon.

Macerate and filter through felt filter.

HAMLIN'S GERMAN COLOGNE.

Otto of Patchouly, one drachm.

“ Lavender Flowers, four drachms.

“ Bergamot, one ounce.

“ Neroli Petale, one drachm.

“ Rose Geranium, two drachms.

Tincture of Orris Root, eight ounces.

“ Tonquin, one pint.

“ Civit, four ounces.

“ Musk two “

Alcohol, one gallon.

**TO CLARIFY BAY RUM, CHEAP EXTRACTS
ALSO TONICS.**

To each ten gallons add eight ounces Burnt Alum, shake and let stand one week, then draw off and simply filter through paper, *using no* Magnesia.

PERFUMED TABLETS.

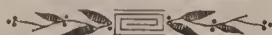
Paraffin, one pound.

Otto of Neroli, ten drops.

“ Bergamot, one drachm.

“ Cloves, five drops.

“ Rose, ten drops.



COLORED FIRES.**RED FIRE.**

Nitrate of Strontia, nine ounces.

Powdered Chlorate of Potass., four ounces.

“ Gum Shellac, two ounces.

“ Lycopodium, quarter ounce.

Be careful in mixing. This makes the best Red Fire used.

BLUE FIRE.

Sulphur, one ounce.

Sulphate of Potass., one ounce.

Ammonio Sulphate of Copper, one ounce.

Nitrate of Potass., ounce and three quarters.

Chlorate “ “ “ “ “

GREEN FIRE.

Chlorate of Potass., one ounce.

Sulphur, ten drachms.

Nitrate of Baryta, three ounces and a quarter.

VIOLET FIRE.

Powdered Alum, one ounce.

Carbonate of Potass, one ounce.

Sulphur, ounce and a quarter.

Chlorate of Potass., five ounces.

WHITE FIRE.

Nitrate of Potass., five ounces.

Sulphur, ounce and a half.

Black Antimony, half ounce.

Powdered Gum Camphor, quarter ounce.

YELLOW FIRE.

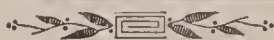
Nitrate of Soda, three ounces.

Sulphur, one ounce.

Black Sulphuret of Antimony, two drachms.

Powdered Charcoal, half drachm.

CAUTION.—In making Colored Fires, the druggists should be careful in mixing them. Never use a mortar but mix on a heavy paper with a spatula.



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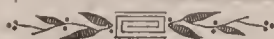
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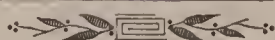
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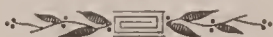
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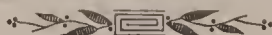
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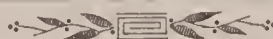
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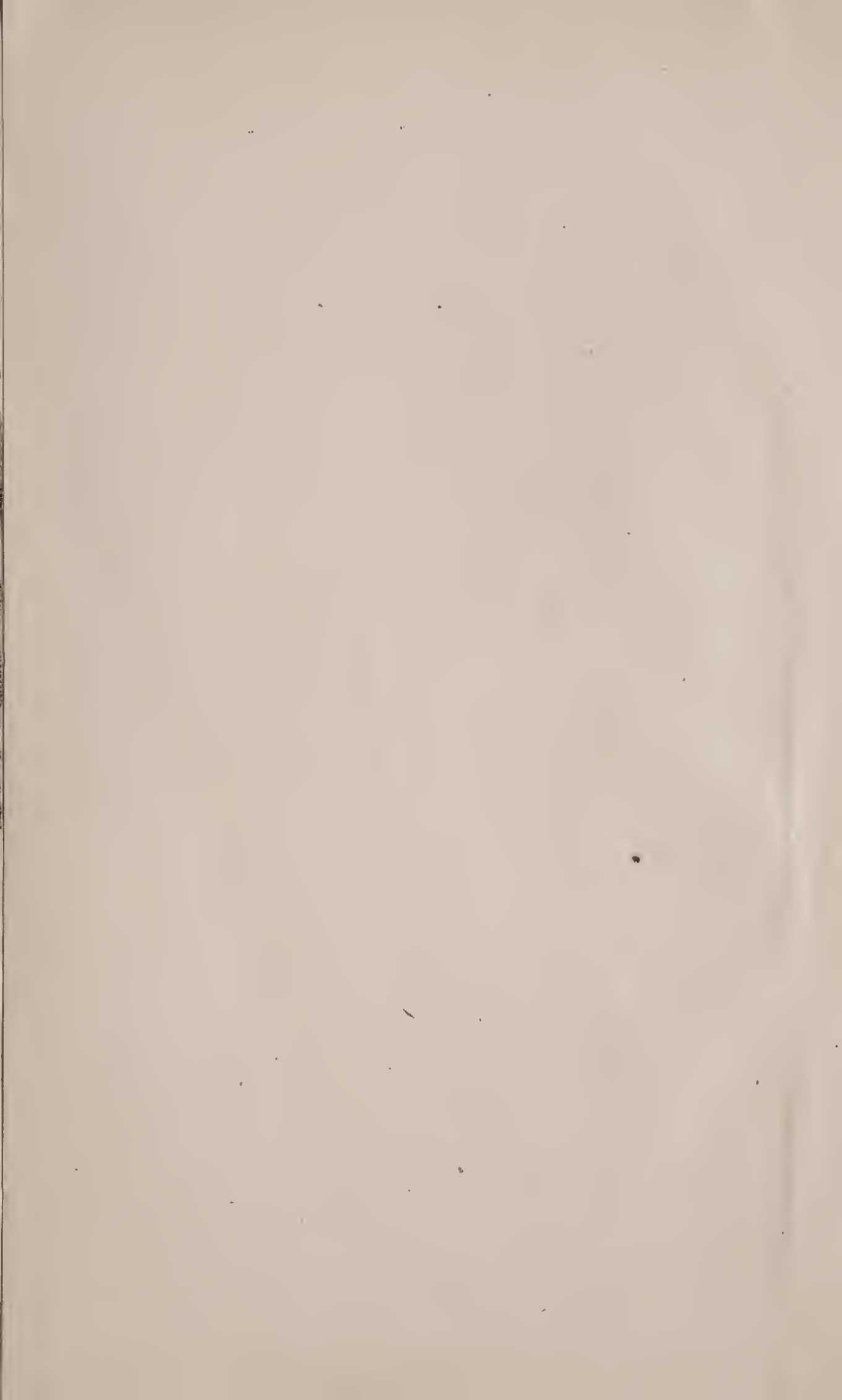
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